

NASA Thesaurus Astronomy Vocabulary

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NASA Thesaurus Astronomy Vocabulary

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INTRODUCTION

The *NASA Thesaurus Astronomy Vocabulary* consists of terms used by NASA indexers as descriptors for astronomy-related documents. The terms are presented in a hierarchical format derived from the 1988 edition of the *NASA Thesaurus Volume 1—Hierarchical Listing*. Main (postable) terms and non-postable cross references are listed in alphabetical order.

READING THE HIERARCHY

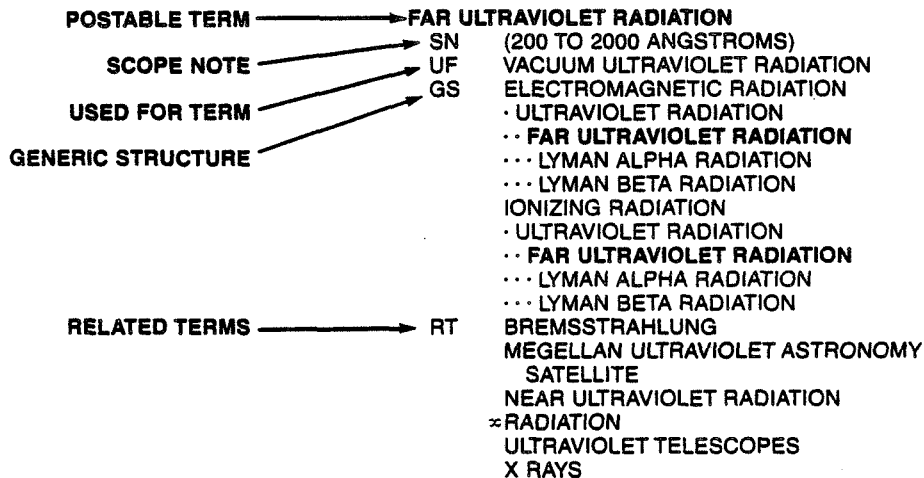
Each main term is followed by a display of its context within a hierarchy. USE references, UF (used for) references, and SN (scope notes) appear immediately below the main term, followed by GS (generic structure), the hierarchical display of term relationships. The hierarchy is headed by the broadest term within that hierarchy. Terms that are broader in meaning than the main term are listed above the main term; terms narrower in meaning are listed below the main term. The term itself is in boldface for easy identification. Finally, a list of related terms (RT) from other hierarchies is provided.

Within a hierarchy, the number of dots to the left of a term indicates its hierarchical level — the more dots, the lower the level (i.e., the narrower the meaning of the term). For example, the term "ELLIPTICAL GALAXIES" which is preceded by two dots is narrower in meaning than "GALAXIES"; this in turn is narrower than "CELESTIAL BODIES". This relationship can be seen in the hierarchy of any of these three terms.

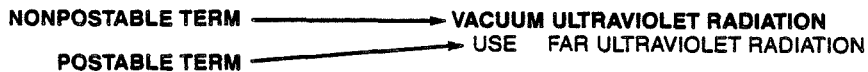
While all broader, narrower, and related terms in a hierarchy are main (postable) terms from the *NASA Thesaurus*, some hierarchy terms do not appear as main terms in the *NASA Thesaurus Astronomy Vocabulary*. The reason is that a term may be part of a hierarchical relationship, but is not itself a valid main entry in an astronomy vocabulary. For example, the displays of "IMPACT DAMAGE" and "METEORITIC DAMAGE" show "DAMAGE" as the broadest term, but there is not a main entry for "DAMAGE", which is too general a term for an astronomy vocabulary.

Other features include array terms identified by an infinity symbol which organize related concepts under very general headings; scope notes (SN), which restrict the use of a term to a certain context; and "used for" (UF) terms, which are nonpostable variations of the terms that have been cross referenced to the postable main term.

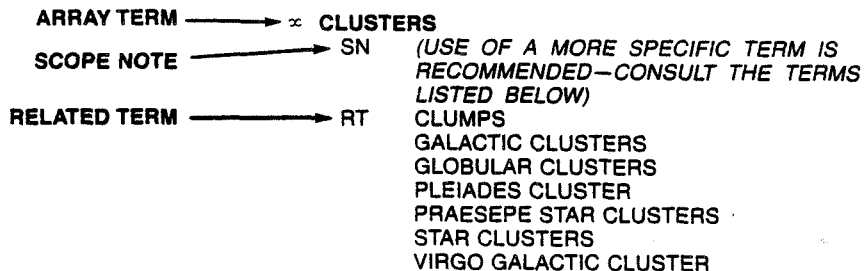
TYPICAL HIERARCHICAL LISTING ENTRY



TYPICAL USE CROSS REFERENCE ENTRY



TYPICAL ARRAY TERM ENTRY



NASA THESAURUS

ASTRONOMY VOCABULARY

A

A STARS

GS CELESTIAL BODIES
 . STARS
 . . . EARLY STARS
 . . . HOT STARS
 A STARS
 RT BLUE STARS
 PECULIAR STARS
 WOLF-RAYET STARS

ABIOTIC

GS EVOLUTION (DEVELOPMENT)
 . BIOLOGICAL EVOLUTION
 . . . ABIOTIC
 RT AUTOCATALYSIS
 CHEMICAL EVOLUTION
 LIFE SCIENCES
 PANSPERMIA
 SPERMATOGENESIS

ABSORPTION BANDS

USE ABSORPTION SPECTRA

ABSORPTION SPECTRA

UF ABSORPTION BANDS
 . SPECTRAL ABSORPTION
 GS SPECTRA
 . RADIATION SPECTRA
 . . . ABSORPTION SPECTRA
 . . . FRAUNHOFER LINES
 . . . HERZBERG BANDS
 . . . TELLURIC LINES
 . SPECTRAL BANDS
 . . . ABSORPTION SPECTRA
 . . . FRAUNHOFER LINES
 . . . HERZBERG BANDS
 . . . TELLURIC LINES
 RT ∞ ABSORPTION
 . . . BALMER SERIES
 . . . BANDS
 . . . CONTINUOUS RADIATION
 . . . D LINES
 . . . ELECTROMAGNETIC ABSORPTION
 . . . ELECTROMAGNETIC SPECTRA
 . . . ELECTRON SPECTROSCOPY
 . . . ELECTRONIC SPECTRA
 . . . EMISSION SPECTRA
 . . . ENERGY SPECTRA
 . . . FRAUNHOFER LINE DISCRIMINATORS
 . . . GALACTIC NUCLEI
 . . . GAMMA RAY ABSORPTIOMETRY
 . . . H ALPHA LINE
 . . . H BETA LINE
 . . . H GAMMA LINE
 . . . H LINES
 . . . IONIZING RADIATION
 . . . K LINES
 . . . LASER SPECTROMETERS
 . . . LINE SPECTRA
 . . . MICROWAVE SPECTRA
 . . . MOLECULAR SPECTRA
 . . . MOLECULAR SPECTROSCOPY
 . . . OSCILLATOR STRENGTHS
 . . . PARAMAGNETIC RESONANCE
 . . . PASCHEN SERIES
 . . . PHOTOACOUSTIC SPECTROSCOPY
 . . . PHOTOLUMINESCENT BANDS
 . . . PHOTON ABSORPTIOMETRY
 . . . RAMAN SPECTRA
 . . . RYDBERG SERIES
 . . . SCHUMANN-RUNGE BANDS
 . . . SELF ABSORPTION
 . . . SOLAR SPECTRA
 . . . SOLAR SPECTROMETERS
 . . . SPECTRUM ANALYSIS
 . . . SPIN TEMPERATURE
 . . . STELLAR SPECTRA

ABSORPTION SPECTRA-(CONT.)

SYMBIOTIC STARS
 ULTRAVIOLET SPECTRA
 VISIBLE SPECTRUM

ACCRETION DISKS

RT ASTROPHYSICS
 BINARY STARS
 BLACK HOLES (ASTRONOMY)
 COOLING FLOWS (ASTROPHYSICS)
 DISKS (SHAPES)
 ECLIPSING BINARY STARS
 GALACTIC NUCLEI
 ROTATING DISKS
 STELLAR MASS ACCRETION
 X RAY BINARIES

ACCUMULATORS

UF COLLECTORS
 GS ACCUMULATORS
 . ACCUMULATORS (COMPUTERS)
 . DUST COLLECTORS
 . SOLAR COLLECTORS
 RT ANODES
 CONCENTRATORS
 ENTRAPMENT
 FUEL SYSTEMS
 PRESSURE VESSELS
 PRESSURIZING

ACHONDRITES

GS CELESTIAL BODIES
 . METEORITES
 . . . STONY METEORITES
 . . . ACHONDRITES
 BONDOLC METEORITE
 KAPOETA ACHONDRITE
 NORTON COUNTY ACHONDRITE
 RT CHONDRITES
 IRON METEORITES

ACTINOGRAPHS

USE ACTINOMETERS

ACTINOMETERS

UF ACTINOGRAPHS
 EMISSOGRAPHS
 GS MEASURING INSTRUMENTS
 . RADIATION MEASURING INSTRUMENTS
 . . . ACTINOMETERS
 . . . INFRARED SPECTROMETERS
 . . . PYRANOMETERS
 . . . RADIOMETERS
 DICKE RADIOMETERS
 INFRARED DETECTORS
 INFRARED SCANNERS
 MICROWAVE RADIOMETERS
 PASSIVE L-BAND RADIOMETERS
 PRESSURE MODULATOR
 RADIOMETERS
 SPECTRORADIOMETERS
 SOLAR SPECTROMETERS
 SPECTROHELIOGRAPHS
 SPECTROPHOTOMETERS
 INFRARED
 SPECTROPHOTOMETERS
 ULTRAVIOLET
 SPECTROPHOTOMETERS
 ULTRAVIOLET DETECTORS
 ULTRAVIOLET SPECTROMETERS
 ULTRAVIOLET
 SPECTROPHOTOMETERS
 RT DOSIMETERS
 FABRY-PEROT SPECTROMETERS
 FIELD INTENSITY METERS
 SPECTROMETERS

ACTIVE GALACTIC NUCLEI

GS GALACTIC NUCLEI

ACTIVE GALACTIC NUCLEI-(CONT.)

. ACTIVE GALACTIC NUCLEI
 RT ACTIVE GALAXIES
 GALACTIC RADIATION
 ∞ NUCLEI
 QUASARS
 RADIO GALAXIES
 SEYFERT GALAXIES

ACTIVE GALAXIES

GS CELESTIAL BODIES
 . GALAXIES
 . . . ACTIVE GALAXIES
 . . . MARKARIAN GALAXIES
 . . . RADIO GALAXIES
 . . . SEYFERT GALAXIES
 RT ACTIVE GALACTIC NUCLEI
 GALACTIC NUCLEI
 GALACTIC RADIATION
 QUASARS

ACTIVE MAGNETO PARTICLE TRACER

EXPLORERS
 USE AMPTE (SATELLITES)

ACTIVE VOLCANOES

USE VOLCANOES

ADVANCED ORBITING SOLAR OBSERVATORY

USE AOSO

ADVANCED RECONN ELECTRIC SPACECRAFT

UF ARES (SPACECRAFT)
 GS INTERPLANETARY SPACECRAFT
 . MARS PROBES
 . . . ADVANCED RECONN ELECTRIC
 . . . SPACECRAFT
 . . . UNMANNED SPACECRAFT
 . . . SPACE PROBES
 . . . MARS PROBES
 . . . ADVANCED RECONN ELECTRIC
 . . . SPACECRAFT
 RT ∞ SPACECRAFT

ADVANCED X RAY ASTROPHYSICS FACILITY

USE X RAY ASTROPHYSICS FACILITY

ADVECTION

RT ATMOSPHERIC CIRCULATION
 CONVECTION
 HEAT TRANSFER
 PECLET NUMBER

AERONOMY

RT AIRGLOW
 ALPINE METEOROLOGY
 ATMOSPHERIC COMPOSITION
 ATMOSPHERIC PHYSICS
 AURORAS
 DIAL SATELLITE
 GEOPHYSICS
 MAGNETOSPHERE-IONOSPHERE
 COUPLING
 MESOMETEOROLOGY
 METEOROLOGY
 POLAR CUSPS
 UPPER ATMOSPHERE

AEROPHYSICS

USE ATMOSPHERIC PHYSICS

AEROSPACE ENVIRONMENTS

SN (EXCLUDES SPACECRAFT
 INTERVEHICULAR ENVIRONMENTS)
 UF SPACE ENVIRONMENT
 GS ENVIRONMENTS
 . AEROSPACE ENVIRONMENTS
 . . . CISLUNAR SPACE
 . . . DEEP SPACE

AFTERGLOWS

AEROSPACE ENVIRONMENTS-(CONT.)

... INTERPLANETARY SPACE
... INTERSTELLAR SPACE
... EARTH ORBITAL ENVIRONMENTS
RT ∞ AEROSPACE SCIENCES
ARGON-OXYGEN ATMOSPHERES
∞ ASTRONAUTICS
BIOASTRONAUTICS
BIOPROCESSING
BIOSATELLITES
COSMIC RAYS
EARTH ATMOSPHERE
ELECTROMAGNETIC RADIATION
EXOBIOLGY
EXTRATERRESTRIAL ENVIRONMENTS
EXTRATERRESTRIAL LIFE
EXTRATERRESTRIAL RADIATION
EXTRAVEHICULAR ACTIVITY
GEOPHYSICAL FLUID FLOW CELLS
HAZARDOUS MATERIAL DISPOSAL (IN SPACE)
HELIUM-OXYGEN ATMOSPHERES
JUPITER ATMOSPHERE
LIFE SUPPORT SYSTEMS
LUNAR ENVIRONMENT
MANNED SPACE FLIGHT
MARS ATMOSPHERE
NEPTUNE ATMOSPHERE
PANSPERMIA
PLANETARY ENVIRONMENTS
RADIATION BELTS
SOLAR RADIATION
SPACE EXPLORATION
SPACE FLIGHT
SPACE HABITATS
SPACE MANUFACTURING
SPACEBORNE EXPERIMENTS
SPACECRAFT CABIN SIMULATORS
THERMAL ENVIRONMENTS
URANUS ATMOSPHERE
VACUUM
VENUS ATMOSPHERE

AFTERGLOWS

GS AFTERGLOWS
... HELIUM AFTERGLOW
... OXYGEN AFTERGLOW
RT ATMOSPHERIC IONIZATION
GAS DISCHARGES
GAS IONIZATION
LIGHT SCATTERING
LUMINESCENCE
PHOSPHORESCENCE
PLASMA DECAY

AGB STARS

USE ASYMPTOTIC GIANT BRANCH STARS

AIRGLOW

UF ATMOSPHERIC EMISSION
GS ATMOSPHERIC RADIATION
... SKY RADIATION
... AIRGLOW
... GEOCORONAL EMISSIONS
... NIGHTGLOW
... TWILIGHT GLOW
ELECTROMAGNETIC RADIATION
... LIGHT (VISIBLE RADIATION)
... SKY RADIATION
... AIRGLOW
... GEOCORONAL EMISSIONS
... NIGHTGLOW
... TWILIGHT GLOW
RT AERONOMY
ATMOSPHERIC IONIZATION
AURORAS
CHEMILUMINESCENCE
EARTH ATMOSPHERE
EMISSION
FABRY-PEROT SPECTROMETERS
LIGHT EMISSION
NIGHT SKY
OXYGEN SPECTRA
RADIATIVE RECOMBINATION
RAYLEIGH SCATTERING
SKY BRIGHTNESS

ALAIS METEORITE

GS CELESTIAL BODIES
... METEORITES
... STONY METEORITES
... CHONDRITES
... CARBONACEOUS METEORITES
... ALAIS METEORITE

ALBEDO

GS ALBEDO
... COSMIC RAY ALBEDO
... EARTH ALBEDO
... LUNAR ALBEDO
RT ABSORPTANCE
COSMIC RAYS
EARTH RADIATION BUDGET
EXPERIMENT
OPTICAL PROPERTIES
PLANETARY RADIATION
REFLECTANCE
SOLAR RADIATION
SURFACE PROPERTIES

ALLENDE METEORITE

GS CELESTIAL BODIES
... METEORITES
... STONY METEORITES
... CHONDRITES
... CARBONACEOUS CHONDRITES
... ALLENDE METEORITE

ALMUCANTAR

USE ELEVATION ANGLE

ALSEP

USE APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE

ALTIMETERS

GS MEASURING INSTRUMENTS
... DISTANCE MEASURING EQUIPMENT
... ALTIMETERS
... LASER ALTIMETERS
... RADIO ALTIMETERS
RT AIRCRAFT INSTRUMENTS
ALTIMETRY
ALTITUDE
APPROACH INDICATORS
ASTROLABES
BAROMETERS
FLIGHT INSTRUMENTS
HYPSOMETERS
LANDING INSTRUMENTS
NAVIGATION AIDS
NAVIGATION INSTRUMENTS
POSITION INDICATORS
RANGE FINDERS
RATE OF CLIMB INDICATORS
SATELLITE ALTIMETRY

ALTIMETRY

GS ALTIMETRY
... SATELLITE ALTIMETRY
RT ALTIMETERS
ALTITUDE
ELEVATION
GEODESY
GEOIDS
RADAR MEASUREMENT
TOPOGRAPHY

ALTITUDE

GS ALTITUDE
... FLIGHT ALTITUDE
... HIGH ALTITUDE
... LOW ALTITUDE
... MIDALTITUDE
... SEA LEVEL
RT ALTIMETERS
ALTIMETRY
APEXES
AZIMUTH
DISTANCE
ELEVATION
ELEVATION ANGLE
HEIGHT
POSITION (LOCATION)

AMALTHEA

GS CELESTIAL BODIES
... NATURAL SATELLITES
... JUPITER SATELLITES
... AMALTHEA
RT JUPITER (PLANET)
SOLAR SYSTEM

AMBIT

USE FIELD THEORY (PHYSICS)

AMOR ASTEROID

UF MINOR PLANET 1221
GS CELESTIAL BODIES

AMOR ASTEROID-(CONT.)

... ASTEROID BELTS
... ASTEROIDS
... AMOR ASTEROID
RT ASTRONOMY
JUPITER (PLANET)
MARS (PLANET)
PLANETARY ORBITS
SOLAR SYSTEM

AMPHITRITE ASTEROID

GS CELESTIAL BODIES
... ASTEROID BELTS
... ASTEROIDS
... AMPHITRITE ASTEROID
RT GALILEO PROJECT

AMPLITUDES

GS AMPLITUDES
... PULSE AMPLITUDE
... SCATTERING AMPLITUDE
RT AMPLIFICATION
CYCLES
DIMENSIONS
DISPLACEMENT
FREQUENCIES
∞ INTENSITY
LEVEL (QUANTITY)
MAGNITUDE
OSCILLATIONS
PHASE DEVIATION
PICOSECOND PULSES
PULSES
STANDING WAVE RATIOS
VIBRATION

AMPTE (SATELLITES)

SN (ACTIVE MAGNETOSPHERIC PARTICLE TRACER EXPLORERS)
UF ACTIVE MAGNETO PARTICLE TRACER EXPLORERS
GS ARTIFICIAL SATELLITES
... SCIENTIFIC SATELLITES
... AMPTE (SATELLITES)
RT EARTH MAGNETOSPHERE
EUROPEAN SPACE PROGRAMS
SATELLITE-BORNE INSTRUMENTS
SOLAR WIND
SPACE PLASMAS
SPACEBORNE EXPERIMENTS

ANDROMEDA

SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)
RT ANDROMEDA CONSTELLATION
ANDROMEDA GALAXY

ANDROMEDA CONSTELLATION

GS CONSTELLATIONS
... ANDROMEDA CONSTELLATION
RT ∞ ANDROMEDA
ANDROMEDA GALAXY

ANDROMEDA GALAXY

GS CELESTIAL BODIES
... GALAXIES
... GALACTIC CLUSTERS
... LOCAL GROUP (ASTRONOMY)
... ANDROMEDA GALAXY
RT ∞ ANDROMEDA
ANDROMEDA CONSTELLATION
DISK GALAXIES
SPIRAL GALAXIES

ANGULAR ACCELERATION

GS RATES (PER TIME)
... ACCELERATION (PHYSICS)
... ANGULAR ACCELERATION
RT ∞ ACCELERATION
CENTRIFUGAL FORCE
CENTRIPETAL FORCE
DECELERATION
ROTATION
SPIN REDUCTION
TRANSVERSE ACCELERATION
YO-YO DEVICES

ANGULAR CORRELATION

GS CORRELATION
... ANGULAR CORRELATION
RT DATA CORRELATION
MATTS (SYSTEMS)
VIEW EFFECTS

APOLLO SOYUZ TEST PROJECT

ANGULAR MOMENTUM

GS MOMENTUM
 . ANGULAR MOMENTUM
 RT CLASSICAL MECHANICS
 CLEBSCH-GORDAN COEFFICIENTS
 ELECTRON SPIN
 KINETICS
 MOMENTS OF INERTIA
 PARTICLE SPIN
 QUANTUM NUMBERS
 QUANTUM THEORY
 QUENCHING (ATOMIC PHYSICS)
 RACAH COEFFICIENT
 REGGE POLES
 SPIN
 SPIN TESTS
 STELLAR ROTATION
 WIGNER COEFFICIENT

ANGULAR MOTION

USE ANGULAR VELOCITY

ANGULAR VELOCITY

UF ANGULAR MOTION
 GS RATES (PER TIME)
 . ANGULAR VELOCITY
 VELOCITY
 . ANGULAR VELOCITY
 RT GYRATION
 ORBITAL VELOCITY
 REVOLVING
 ROTATION
 ROTOR SPEED
 SAGNAC EFFECT
 TACHOMETERS
 TIP SPEED

ANNUAL VARIATIONS

UF SEASONAL VARIATIONS
 GS VARIATIONS
 . PERIODIC VARIATIONS
 . ANNUAL VARIATIONS
 RT ATMOSPHERIC CIRCULATION
 BROWN WAVE EFFECT
 CYCLES
 GREEN WAVE EFFECT
 MAGNETIC VARIATIONS
 METEOROLOGICAL PARAMETERS
 METEOROLOGY
 MONSOONS
 SEASONS
 TEMPORAL DISTRIBUTION
 WEATHER
 WIND VARIATIONS
 ZONAL FLOW (METEOROLOGY)

ANS

USE ASTRONOMICAL NETHERLANDS
 SATELLITE

ANTIMATTER

GS ANTIMATTER
 . ANTIPARTICLES
 . ANTINEUTRINOS
 . ANTINUCLEONS
 . ANTIPROTONS
 . POSITRONS
 RT DEGENERATE MATTER
 MATTER (PHYSICS)

ANTINODES

RT NODES (STANDING WAVES)
 RAREFACTION
 RESONANT FREQUENCIES
 STANDING WAVES
 VIBRATION
 WAVELENGTHS

AOSO

UF ADVANCED ORBITING SOLAR
 OBSERVATORY
 GS OBSERVATORIES
 . ASTRONOMICAL OBSERVATORIES
 . ASTRONOMICAL SATELLITES
OSO
AOSO
SOLAR OBSERVATORIES
OSO
AOSO
 RT SUN

APATITES

USE MINERALS

APEXES

UF VERTICES
 RT ALTITUDE
 APHELIONS
 APOGEES
 MAXIMA
 ORBITS
 . PEAKS
 . PLATEAUS
 TRAJECTORIES
 ZENITH

APHELIONS

GS APSIDES
 . APHELIONS
 ORBITS
 . ELLIPTICAL ORBITS
 . . APHELIONS
 . SOLAR ORBITS
 . . APHELIONS
 RT APEXES
 PERIHELIONS

APOGEES

GS APSIDES
 . APOGEES
 ORBITS
 . EARTH ORBITS
 . . APOGEES
 . ELLIPTICAL ORBITS
 . . APOGEES
 RT APEXES
 PERIGEEES

APOLLO APPLICATIONS PROGRAM

GS PROGRAMS
 . NASA PROGRAMS
 . . NASA SPACE PROGRAMS
 . . . APOLLO APPLICATIONS PROGRAM
 . . . SPACE PROGRAMS
 . . . NASA SPACE PROGRAMS
 APOLLO APPLICATIONS PROGRAM
 RT AAP 1 MISSION
 AAP 2 MISSION
 AAP 3 MISSION
 AAP 4 MISSION
 AIRLOCK MODULES
 EARTH RESOURCES PROGRAM
 EARTH RESOURCES SURVEY PROGRAM
 SATURN PROJECT
 SATURN WORKSHOPS
 SATURN 1 WORKSHOP
 SATURN 5 WORKSHOP
 SKYLAB PROGRAM

APOLLO ASTEROIDS

GS CELESTIAL BODIES
 . ASTEROID BELTS
 . . ASTEROIDS
 . . . APOLLO ASTEROIDS
 RT ASTRONOMY
 CHIRON
 EARTH ORBITS
 JUPITER (PLANET)
 MARS (PLANET)
 PLANETARY ORBITS
 SOLAR SYSTEM

APOLLO FLIGHTS

GS SPACE FLIGHT
 . MANNED SPACE FLIGHT
 . . APOLLO FLIGHTS
 . . . APOLLO 5 FLIGHT
 . . . APOLLO 6 FLIGHT
 . . . APOLLO 7 FLIGHT
 . . . APOLLO 8 FLIGHT
 . . . APOLLO 9 FLIGHT
 . . . APOLLO 10 FLIGHT
 . . . APOLLO 11 FLIGHT
 . . . APOLLO 12 FLIGHT
 . . . APOLLO 13 FLIGHT
 . . . APOLLO 14 FLIGHT
 . . . APOLLO 15 FLIGHT
 . . . APOLLO 16 FLIGHT
 . . . APOLLO 17 FLIGHT
 RT SKYLAB PROGRAM

APOLLO LUNAR EXPERIMENT MODULE

GS LUNAR SPACECRAFT
 . APOLLO SPACECRAFT
 . . APOLLO LUNAR EXPERIMENT
 MODULE
 . LUNAR LANDING MODULES
 . . LUNAR MODULE

APOLLO LUNAR EXPERIMENT MODULE-(CONT.)

. . . APOLLO LUNAR EXPERIMENT
 MODULE
 MANEUVERABLE SPACECRAFT
 . APOLLO SPACECRAFT
 . . APOLLO LUNAR EXPERIMENT
 MODULE
 MANNED SPACECRAFT
 . APOLLO SPACECRAFT
 . . APOLLO LUNAR EXPERIMENT
 MODULE
 . LUNAR MODULE
 . . APOLLO LUNAR EXPERIMENT
 MODULE
 REENTRY VEHICLES
 . RECOVERABLE SPACECRAFT
 . . APOLLO SPACECRAFT
 . . . APOLLO LUNAR EXPERIMENT
 MODULE
 SOFT LANDING SPACECRAFT
 . APOLLO SPACECRAFT
 . . APOLLO LUNAR EXPERIMENT
 MODULE
 . LANDING MODULES
 . . LUNAR LANDING MODULES
 . . . LUNAR MODULE
 APOLLO LUNAR EXPERIMENT
 MODULE
 RT LUNAR EXPLORATION
 LUNAR LANDING

APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE

UF ALSEP
 GS PACKAGES
 . INSTRUMENT PACKAGES
 . . APOLLO LUNAR SURFACE
 EXPERIMENTS PACKAGE
 RT . . INSTRUMENTS
 LUNAR EXPLORATION
 LUNAR RETROREFLECTORS
 PAYLOADS
 . . SURFACES

APOLLO PROJECT

GS PROGRAMS
 . LUNAR PROGRAMS
 . . APOLLO PROJECT
 . . . NASA PROGRAMS
 . . . NASA SPACE PROGRAMS
 APOLLO PROJECT
 PROJECTS
 APOLLO PROJECT
 SPACE PROGRAMS
 NASA SPACE PROGRAMS
APOLLO PROJECT
 RT AAP 1 MISSION
 AAP 2 MISSION
 AAP 3 MISSION
 AAP 4 MISSION
 ADVANCED RANGE INSTRUMENTATION
 AIRCRAFT
 COMMAND SERVICE MODULES
 LSSM
 LUNAR EXPLORATION
 LUNAR EXPLORATION SYSTEM FOR
 APOLLO
 LUNAR MOBILE LABORATORIES
 LUNAR PROBES
 MANNED SPACECRAFT
 MARQUARDT RAD ENGINE
 MERCURY PROJECT
 SATURN LAUNCH VEHICLES
 SATURN WORKSHOPS
 SATURN 1 WORKSHOP
 SATURN 5 WORKSHOP
 SIM
 SITE DATA PROCESSORS
 SKYLAB PROGRAM
 SOFT LANDING SPACECRAFT

APOLLO SHORT STACK

RT SPACECRAFT CONFIGURATIONS

APOLLO SOYUZ TEST PROJECT

UF ASTP
 GS PROGRAMS
 . PROJECTS
 . . APOLLO SOYUZ TEST PROJECT
 RT INTERNATIONAL COOPERATION
 INTERNATIONAL RELATIONS
 MANNED SPACECRAFT
 RENDEZVOUS
 SOYUZ SPACECRAFT
 SPACE FLIGHT

APOLLO SPACECRAFT

APOLLO SOYUZ TEST PROJECT-(CONT.)

SPACE MISSIONS
SPACE PROGRAMS
SPACE RENDEZVOUS
SPACECREW TRANSFER
U.S.S.R. SPACE PROGRAM

APOLLO SPACECRAFT

GS LUNAR SPACECRAFT
.. APOLLO SPACECRAFT
.. APOLLO LUNAR EXPERIMENT
MODULE
MANEUVERABLE SPACECRAFT
.. APOLLO SPACECRAFT
.. APOLLO LUNAR EXPERIMENT
MODULE
MANNED SPACECRAFT
.. APOLLO SPACECRAFT
.. APOLLO LUNAR EXPERIMENT
MODULE
REENTRY VEHICLES
.. RECOVERABLE SPACECRAFT
.. APOLLO SPACECRAFT
.. APOLLO LUNAR EXPERIMENT
MODULE
SOFT LANDING SPACECRAFT
.. APOLLO SPACECRAFT
.. APOLLO LUNAR EXPERIMENT
MODULE
RT COMMAND MODULES
LANDING MODULES
LUNAR MODULE
LUNAR MODULE 5
LUNAR MODULE 7
MANNED ORBITAL LABORATORIES
SATURN PROJECT
SERVICE MODULES
SKYLAB PROGRAM
UNIFIED S BAND

APOLLO TELESCOPE MOUNT

GS SPACECRAFT CONFIGURATIONS
.. APOLLO TELESCOPE MOUNT
TELESCOPES
.. MANNED ORBITAL TELESCOPES
.. APOLLO TELESCOPE MOUNT
RT SKYLAB PROGRAM

APOLLO 5 FLIGHT

GS SPACE FLIGHT
.. MANNED SPACE FLIGHT
.. APOLLO FLIGHTS
.. APOLLO 5 FLIGHT
RT EARTH-MOON TRAJECTORIES
LUNAR EXPLORATION
LUNAR EXPLORATION SYSTEM FOR
APOLLO
LUNAR FLIGHT
LUNAR LANDING
LUNAR LAUNCH
LUNAR MODULE
LUNAR SPACECRAFT
MOON-EARTH TRAJECTORIES

APOLLO 6 FLIGHT

GS SPACE FLIGHT
.. MANNED SPACE FLIGHT
.. APOLLO FLIGHTS
.. APOLLO 6 FLIGHT
RT EARTH-MOON TRAJECTORIES
LUNAR EXPLORATION
LUNAR EXPLORATION SYSTEM FOR
APOLLO
LUNAR FLIGHT
LUNAR LANDING
LUNAR LAUNCH
LUNAR MODULE
LUNAR SPACECRAFT
MOON-EARTH TRAJECTORIES

APOLLO 7 FLIGHT

GS SPACE FLIGHT
.. MANNED SPACE FLIGHT
.. APOLLO FLIGHTS
.. APOLLO 7 FLIGHT
RT EARTH-MOON TRAJECTORIES
LUNAR EXPLORATION
LUNAR EXPLORATION SYSTEM FOR
APOLLO
LUNAR FLIGHT
LUNAR LANDING
LUNAR LAUNCH
LUNAR MODULE
MANNED SPACECRAFT
MOON-EARTH TRAJECTORIES

APOLLO 8 FLIGHT

GS SPACE FLIGHT
.. MANNED SPACE FLIGHT
.. APOLLO FLIGHTS
.. APOLLO 8 FLIGHT
RT EARTH-MOON TRAJECTORIES
LUNAR EXPLORATION
LUNAR EXPLORATION SYSTEM FOR
APOLLO
LUNAR FLIGHT
LUNAR LANDING
LUNAR LAUNCH
LUNAR MODULE
MANNED SPACECRAFT
MOON-EARTH TRAJECTORIES

APOLLO 9 FLIGHT

GS SPACE FLIGHT
.. MANNED SPACE FLIGHT
.. APOLLO FLIGHTS
.. APOLLO 9 FLIGHT
RT EARTH-MOON TRAJECTORIES
LUNAR EXPLORATION
LUNAR EXPLORATION SYSTEM FOR
APOLLO
LUNAR FLIGHT
LUNAR LANDING
LUNAR LAUNCH
LUNAR MODULE

APOLLO 10 FLIGHT

GS SPACE FLIGHT
.. MANNED SPACE FLIGHT
.. APOLLO FLIGHTS
.. APOLLO 10 FLIGHT
RT EARTH-MOON TRAJECTORIES
LUNAR EXPLORATION
LUNAR EXPLORATION SYSTEM FOR
APOLLO
LUNAR FLIGHT
LUNAR LANDING
LUNAR LAUNCH
LUNAR MODULE
MANNED SPACECRAFT
MOON-EARTH TRAJECTORIES

APOLLO 11 FLIGHT

GS SPACE FLIGHT
.. MANNED SPACE FLIGHT
.. APOLLO FLIGHTS
.. APOLLO 11 FLIGHT
RT EARTH-MOON TRAJECTORIES
LUNAR EXPLORATION
LUNAR EXPLORATION SYSTEM FOR
APOLLO
LUNAR FLIGHT
LUNAR LANDING
LUNAR LAUNCH
LUNAR MODULE
MANNED SPACECRAFT
MOON-EARTH TRAJECTORIES

APOLLO 12 FLIGHT

GS SPACE FLIGHT
.. MANNED SPACE FLIGHT
.. APOLLO FLIGHTS
.. APOLLO 12 FLIGHT
RT EARTH-MOON TRAJECTORIES
LUNAR EXPLORATION
LUNAR EXPLORATION SYSTEM FOR
APOLLO
LUNAR FLIGHT
LUNAR LANDING
LUNAR LAUNCH
LUNAR MODULE
MANNED SPACECRAFT
MOON-EARTH TRAJECTORIES

APOLLO 13 FLIGHT

GS SPACE FLIGHT
.. MANNED SPACE FLIGHT
.. APOLLO FLIGHTS
.. APOLLO 13 FLIGHT
RT EARTH-MOON TRAJECTORIES
LUNAR EXPLORATION
LUNAR EXPLORATION SYSTEM FOR
APOLLO
LUNAR FLIGHT
LUNAR LANDING
LUNAR LAUNCH
LUNAR MODULE
MANNED SPACECRAFT
MOON-EARTH TRAJECTORIES

APOLLO 14 FLIGHT

GS SPACE FLIGHT
.. MANNED SPACE FLIGHT
.. APOLLO FLIGHTS
.. APOLLO 14 FLIGHT
RT EARTH-MOON TRAJECTORIES
LUNAR EXPLORATION
LUNAR EXPLORATION SYSTEM FOR
APOLLO
LUNAR FLIGHT
LUNAR LANDING
LUNAR LAUNCH
LUNAR MODULE
MANNED SPACECRAFT
MOON-EARTH TRAJECTORIES

APOLLO 15 FLIGHT

GS SPACE FLIGHT
.. MANNED SPACE FLIGHT
.. APOLLO FLIGHTS
.. APOLLO 15 FLIGHT
RT EARTH-MOON TRAJECTORIES
LUNAR EXPLORATION
LUNAR EXPLORATION SYSTEM FOR
APOLLO
LUNAR FLIGHT
LUNAR LANDING
LUNAR LAUNCH
LUNAR MODULE
MANNED SPACECRAFT
MOON-EARTH TRAJECTORIES
SIM

APOLLO 16 FLIGHT

GS SPACE FLIGHT
.. MANNED SPACE FLIGHT
.. APOLLO FLIGHTS
.. APOLLO 16 FLIGHT
RT EARTH-MOON TRAJECTORIES
LUNAR EXPLORATION
LUNAR EXPLORATION SYSTEM FOR
APOLLO
LUNAR FLIGHT
LUNAR LANDING
LUNAR LAUNCH
LUNAR MODULE
MANNED SPACECRAFT
MOON-EARTH TRAJECTORIES

APOLLO 17 FLIGHT

GS SPACE FLIGHT
.. MANNED SPACE FLIGHT
.. APOLLO FLIGHTS
.. APOLLO 17 FLIGHT
RT EARTH-MOON TRAJECTORIES
LUNAR EXPLORATION
LUNAR EXPLORATION SYSTEM FOR
APOLLO
LUNAR FLIGHT
LUNAR LANDING
LUNAR LAUNCH
LUNAR MODULE
MANNED SPACECRAFT
MOON-EARTH TRAJECTORIES

APSIDAL ANGLES

USE APSIDES

APSIDES

UF APSIDAL ANGLES
GS APSIDES
.. APHELIONS
.. APOGEES
.. PERIGEEES
.. PERIHELIONS
.. PERILUNES
RT ANGLES (GEOMETRY)
ANTIPODES
ELLIPTICAL ORBITS
ORBITAL MECHANICS

AQUARID METEORIDS

GS CELESTIAL BODIES
.. METEOROID SHOWERS
.. AQUARID METEORIDS
.. METEORIDS
.. AQUARID METEORIDS
RT ORIONID METEORIDS

AREND-ROLAND COMET

GS CELESTIAL BODIES
.. COMETS
.. AREND-ROLAND COMET
RT SOLAR SYSTEM

ASTRONOMICAL CATALOGS

ARES (SPACECRAFT)

USE ADVANCED RECONN ELECTRIC SPACECRAFT

ARIEL

GS CELESTIAL BODIES
 . NATURAL SATELLITES
 . ICY SATELLITES
 . . . ARIEL
 . . . URANUS SATELLITES
 . . . ARIEL
 RT URANUS (PLANET)

ARIES CONSTELLATION

GS CONSTELLATIONS
 . ARIES CONSTELLATION
 RT CELESTIAL BODIES
 CELESTIAL SPHERE
 STARS

ARIETID METEORIDS

GS CELESTIAL BODIES
 . METEOROID SHOWERS
 . . ARIETID METEORIDS
 . METEORIDS
 . . ARIETID METEORIDS

AROOS METEORITE

GS CELESTIAL BODIES
 . METEORITES
 . . IRON METEORITES
 . . . AROOS METEORITE

ARRIVALS

RT APPROACH
 LANDING

ARTIFICIAL RADIATION BELTS

GS PARTICLES
 . CHARGED PARTICLES
 . . MAGNETICALLY TRAPPED PARTICLES
 . . . RADIATION BELTS
 ARTIFICIAL RADIATION BELTS
 . . . TRAPPED PARTICLES
 . . . MAGNETICALLY TRAPPED PARTICLES
 . . . RADIATION BELTS
 ARTIFICIAL RADIATION BELTS
 RT INNER RADIATION BELT
 NUCLEAR EXPLOSIONS
 OUTER RADIATION BELT
 ∞ RADIATION

ASCENT

GS ASCENT
 . CLIMBING FLIGHT
 RT BALLOONS
 DESCENT
 LUNAR MODULE ASCENT STAGE
 TAKEOFF

ASCENT TRAJECTORIES

GS TRAJECTORIES
 . ASCENT TRAJECTORIES
 RT BALLISTIC TRAJECTORIES
 CLIMBING FLIGHT
 COASTING FLIGHT
 DESCENT TRAJECTORIES
 FLIGHT MECHANICS
 GUIDANCE (MOTION)
 INJECTION GUIDANCE
 LOFTING
 LUNAR MODULE ASCENT STAGE
 MIDCOURSE TRAJECTORIES
 MISSILE TRAJECTORIES
 PARABOLIC FLIGHT
 POST BOOST PROPULSION SYSTEM
 RENDEZVOUS TRAJECTORIES
 SPACECRAFT TRAJECTORIES

ASSOCIATION REACTIONS

GS CHEMICAL REACTIONS
 . ASSOCIATION REACTIONS
 GAS-GAS INTERACTIONS
 . ASSOCIATION REACTIONS
 RT ASTROPHYSICS
 CHEMICAL EQUILIBRIUM
 CONDENSING
 ENDOTHERMIC REACTIONS
 EXOTHERMIC REACTIONS
 INTERSTELLAR CHEMISTRY
 MOLECULAR GASES
 MOLECULAR INTERACTIONS
 OXIDATION
 PHOTOCHEMICAL REACTIONS

ASSOCIATION REACTIONS-(CONT.)

PHOTOOXIDATION
 REACTION KINETICS
 VAPOR PHASES

ASTEROID BELTS

GS CELESTIAL BODIES
 . ASTEROID BELTS
 . . ASTEROIDS
 . . . AMOR ASTEROID
 . . . AMPHITRITE ASTEROID
 . . . APOLLO ASTEROIDS
 . . . CERES ASTEROID
 . . . CHIRON
 . . . ICARUS ASTEROID
 . . . TORO ASTEROID
 . . . VESTA ASTEROID
 RT ∞ BELTS
 METEORIDS
 REGIONS
 SOLAR SYSTEM
 SPACE DEBRIS

ASTEROID CAPTURE

RT ASTEROIDS
 CELESTIAL BODIES
 CONTAINMENT
 ENCLOSURES
 PAYLOADS
 RETAINING
 SOLAR SYSTEM

ASTEROID MISSIONS

GS SPACE MISSIONS
 . FLYBY MISSIONS
 . . ASTEROID MISSIONS
 RT ASTEROIDS
 INTERPLANETARY FLIGHT
 ∞ MISSIONS
 SPACE EXPLORATION

ASTEROIDS

GS CELESTIAL BODIES
 . ASTEROID BELTS
 . . ASTEROIDS
 . . . AMOR ASTEROID
 . . . AMPHITRITE ASTEROID
 . . . APOLLO ASTEROIDS
 . . . CERES ASTEROID
 . . . CHIRON
 . . . ICARUS ASTEROID
 . . . TORO ASTEROID
 . . . VESTA ASTEROID
 RT ASTEROID CAPTURE
 ASTEROID MISSIONS
 METEORIDS
 SOLAR SYSTEM
 SPACE DEBRIS

ASTP

USE APOLLO SOYUZ TEST PROJECT

ASTRONICS

RT ∞ ASTRONAUTICS
 AVIONICS
 ∞ CONTROL
 ∞ ELECTRONICS
 GUIDANCE (MOTION)
 SATELLITE COMMUNICATION
 SINGLE EVENT UPSETS
 SPACECRAFT COMMUNICATION
 SPACECRAFT ELECTRONIC EQUIPMENT
 SPACECRAFT INSTRUMENTS
 ∞ TEST EQUIPMENT

ASTRO MISSIONS (STS)

GS PAYLOADS
 . SPACE SHUTTLE PAYLOADS
 . . ASTRO MISSIONS (STS)
 RT ∞ MISSIONS
 SPACEBORNE ASTRONOMY
 SPACEBORNE TELESCOPES
 SPACELAB PAYLOADS

ASTROBIOLOGY

USE EXO BIOLOGY

ASTRODYNAMICS

GS CLASSICAL MECHANICS
 . SPACE MECHANICS
 . . ASTRODYNAMICS
 RT ∞ ASTRONAUTICS
 ASTRONOMICAL OBSERVATORIES
 CELESTIAL BODIES

ASTRODYNAMICS-(CONT.)

CELESTIAL MECHANICS
 ∞ DYNAMICS
 INTERPLANETARY FLIGHT
 ORBITAL MECHANICS
 ORBITAL RESONANCES (CELESTIAL MECHANICS)
 ORBITS
 ∞ SCIENCE
 SPACE EXPLORATION
 SPACE FLIGHT
 SPACE NAVIGATION
 ∞ SPACECRAFT
 TRAJECTORY ANALYSIS

ASTROGRAPHY

SN (EXCLUDES ASTRONOMICAL PHOTOGRAPHY)
 RT ASTRONOMICAL MAPS
 MAPPING
 PLANETARY MAPPING

ASTROLABES

GS MEASURING INSTRUMENTS
 . INDICATING INSTRUMENTS
 . . ASTROLABES
 RT ALTIMETERS
 ASTROMETRY
 ASTRONOMICAL OBSERVATORIES
 ASTRONOMY
 CELESTIAL BODIES
 POSITION (LOCATION)
 POSITION ERRORS
 SOLAR POSITION
 STAR DISTRIBUTION
 STAR TRACKERS
 STARS

ASTROMETRY

RT ASTROLABES
 ASTRONOMICAL MAPS
 ASTRONOMICAL PHOTOGRAPHY
 ASTRONOMY
 DOUBLE STARS
 HIPPARCOS SATELLITE
 ∞ MEASUREMENT
 PARALLAX
 SOLAR DIAMETER
 STELLAR PARALLAX

∞ ASTRONAUTICS

SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED-CONSULT THE TERMS LISTED BELOW)
 RT AEROSPACE ENVIRONMENTS
 ARTIFICIAL GRAVITY
 ASTRONICS
 ASTRODYNAMICS
 ASTRONAUTS
 ASTRONOMY
 AUXILIARY PROPULSION
 AVIONICS
 BIOASTRONAUTICS
 BIOSATELLITE 3
 COSMONAUTS
 EARTH-VENUS TRAJECTORIES
 HUMAN FACTORS ENGINEERING
 LUNAR BASES
 PROPULSION
 SOFT LANDING
 SPACE EXPLORATION
 SPACE FLIGHT
 SPACE MAINTENANCE
 SPACE NAVIGATION
 SPACECRAFT DOCKING
 WEIGHTLESSNESS

ASTRONAVIGATION

GS NAVIGATION
 . CELESTIAL NAVIGATION
 . . ASTRONAVIGATION
 RT AIR NAVIGATION
 INTERPLANETARY NAVIGATION
 INTERSTELLAR TRAVEL
 RADIO NAVIGATION
 SPACE NAVIGATION

ASTRONOMICAL CATALOGS

GS DOCUMENTS
 . CATALOGS (PUBLICATIONS)
 . . ASTRONOMICAL CATALOGS
 RT CLASSIFICATIONS
 EPHEMERIDES
 NORTHERN SKY
 SKY SURVEYS (ASTRONOMY)

ASTRONOMICAL COORDINATES

ASTRONOMICAL CATALOGS-(CONT.)

SOUTHERN SKY
TABLES (DATA)

ASTRONOMICAL COORDINATES

GS COORDINATES
RT . ASTRONOMICAL COORDINATES
AZIMUTH
CELESTIAL REFERENCE SYSTEMS
CYLINDRICAL COORDINATES
GEOCENTRIC COORDINATES
NORTHERN SKY
PLANETOCENTRIC COORDINATES
PLANISPHERES
POLAR COORDINATES
REFERENCE STARS
SOLAR LONGITUDE
SPHERICAL COORDINATES

ASTRONOMICAL MAPS

GS MAPS
RT . ASTRONOMICAL MAPS
PLANISPHERES
ASTROGRAPHY
ASTROMETRY
CELESTIAL REFERENCE SYSTEMS
CELESTIAL SPHERE
LUNAR MAPS

ASTRONOMICAL MODELS

UF ORRERIES
GS MODELS
RT . ASTRONOMICAL MODELS
DENSITY WAVE MODEL
STELLAR MODELS
BIG BANG COSMOLOGY
COROTATION
COSMOLOGY
MATHEMATICAL MODELS
MOLECULAR CLOUDS
PLANETARIUMS
REISSNER-NORDSTROM SOLUTION
SOLAR NEUTRINOS
SOLAR OSCILLATIONS
STELLAR OSCILLATIONS

ASTRONOMICAL NETHERLANDS SATELLITE

UF ANS
GS OBSERVATORIES
RT . ASTRONOMICAL OBSERVATORIES
ASTRONOMICAL SATELLITES
ASTRONOMICAL NETHERLANDS
SATELLITE
NETHERLANDS

ASTRONOMICAL OBSERVATORIES

GS OBSERVATORIES
RT . ASTRONOMICAL OBSERVATORIES
ASTRONOMICAL SATELLITES
ASTRONOMICAL NETHERLANDS
SATELLITE
GAMMA RAY OBSERVATORY
HEAO
HEAO 1
HEAO 2
HEAO 3
HUBBLE SPACE TELESCOPE
INFRARED ASTRONOMY SATELLITE
INFRARED SPACE OBSERVATORY
(ISO)
IUE
MAGELLAN ULTRAVIOLET
ASTRONOMY SATELLITE
OAO
OAO 1
OAO 2
OAO 3
OSO
AOSO
OSO-1
OSO-2
OSO-3
OSO-4
OSO-5
OSO-6
OSO-7
OSO-8
QUASAT
SAS
EXPLORER 53 SATELLITE
SAS-1
SAS-2
SAS-3
SPACE INFRARED TELESCOPE
FACILITY

ASTRONOMICAL OBSERVATORIES-(CONT.)

RT . SPARTAN SATELLITES
X RAY ASTROPHYSICS FACILITY
ASTROPLANE
ROSAT MISSION
ASTRODYNAMICS
ASTROLABES
ASTRONOMY
CELESTIAL BODIES
GEOPHYSICAL OBSERVATORIES
JODRELL BANK OBSERVATORY
LUNAR OBSERVATORIES
NORTHERN SKY
RADIO ASTRONOMY
SOUTHERN SKY
SPACEBORNE TELESCOPES
TELESCOPES

ASTRONOMICAL PHOTOGRAPHY

GS IMAGERY
RT . ASTRONOMICAL PHOTOGRAPHY
PHOTOGRAPHY
ASTRONOMICAL PHOTOGRAPHY
AERIAL PHOTOGRAPHY
ASTROMETRY
ASTRONOMY
ATMOSPHERIC WINDOWS
BAKER-NUNN CAMERA
BLACK AND WHITE PHOTOGRAPHY
CORONAGRAPHS
DIFFRACTION LIMITED CAMERAS
ELECTRO-OPTICAL PHOTOGRAPHY
FAINT OBJECT CAMERA
INFRARED ASTRONOMY
INFRARED PHOTOGRAPHY
LALLEMAND CAMERAS
LUNAR PHOTOGRAPHS
LUNAR PHOTOGRAPHY
REFERENCE STARS
ROCKET-BORNE PHOTOGRAPHY
SATELLITE-BORNE PHOTOGRAPHY
SCHMIDT CAMERAS
SOUTHERN SKY
SPACEBORNE PHOTOGRAPHY
SPACEBORNE TELESCOPES

ASTRONOMICAL PHOTOMETRY

GS OPTICAL MEASUREMENT
PHOTOMETRY
RT . ASTRONOMICAL PHOTOMETRY
STELLAR SPECTROPHOTOMETRY
ATMOSPHERIC WINDOWS
BLINKING
COMETARY ATMOSPHERES
DIAL SATELLITE
INFRARED PHOTOMETRY
SPECTROPHOTOMETRY
TELEPHOTOMETRY

ASTRONOMICAL SATELLITES

GS ARTIFICIAL SATELLITES
SCIENTIFIC SATELLITES
RT . ASTRONOMICAL SATELLITES
GAMMA RAY OBSERVATORY
HUBBLE SPACE TELESCOPE
SPACE INFRARED TELESCOPE
FACILITY
X RAY ASTROPHYSICS FACILITY
OBSERVATORIES
ASTRONOMICAL OBSERVATORIES
ASTRONOMICAL SATELLITES
ASTRONOMICAL NETHERLANDS
SATELLITE
GAMMA RAY OBSERVATORY
HEAO
HEAO 1
HEAO 2
HEAO 3
HUBBLE SPACE TELESCOPE
INFRARED ASTRONOMY SATELLITE
INFRARED SPACE OBSERVATORY
(ISO)
IUE
MAGELLAN ULTRAVIOLET
ASTRONOMY SATELLITE
OAO
OAO 1
OAO 2
OAO 3
OSO
AOSO
OSO-1
OSO-2
OSO-3
OSO-4

ASTRONOMICAL SATELLITES-(CONT.)

OSO-5
OSO-6
OSO-7
OSO-8
QUASAT
SAS
EXPLORER 53 SATELLITE
SAS-1
SAS-2
SAS-3
SPACE INFRARED TELESCOPE
FACILITY
SPARTAN SATELLITES
X RAY ASTROPHYSICS FACILITY
RT ROSAT MISSION
SPACEBORNE ASTRONOMY

ASTRONOMICAL SPECTROSCOPY

GS SPECTROSCOPY
RT . ASTRONOMICAL SPECTROSCOPY
ASTRONOMY
CONTINUOUS SPECTRA
ELECTROMAGNETIC SPECTRA
INFRARED SPECTROSCOPY
ORGANIC SOLIDS
RADIAL VELOCITY
RADIATION SPECTRA
RADIO ASTRONOMY
RADIO SPECTROSCOPY
RAMAN SPECTROSCOPY
SOLAR SPECTRA
SOUTHERN SKY
SPECTRA
SPECTROSCOPIC TELESCOPES
STELLAR SPECTRA
ULTRAVIOLET SPECTROSCOPY
VISIBLE SPECTRUM
X RAY SPECTROSCOPY

ASTRONOMICAL TELESCOPES

USE TELESCOPES

ASTRONOMY

UF CELESTIAL OBSERVATION
GS ASTRONOMY
GAMMA RAY ASTRONOMY
INFRARED ASTRONOMY
RADAR ASTRONOMY
RADIO ASTRONOMY
SPACEBORNE ASTRONOMY
ULTRAVIOLET ASTRONOMY
X RAY ASTRONOMY
X RAY SOURCES
X RAY BINARIES
RT . AEROSPACE SCIENCES
AMOR ASTEROID
APOLLO ASTEROIDS
ASTROLABES
ASTROMETRY
ASTRONAUTICS
ASTRONOMICAL OBSERVATORIES
ASTRONOMICAL PHOTOGRAPHY
ASTRONOMICAL SPECTROSCOPY
ASTROPHYSICS
CELESTIAL BODIES
CELESTIAL MECHANICS
EARTH LIMB
HALOS
INFRARED SOURCES (ASTRONOMY)
INFRARED TELESCOPES
MASS TO LIGHT RATIOS
METEOROID SHOWERS
MISSING MASS (ASTROPHYSICS)
PHYSICAL SCIENCES
RELIC RADIATION
SCIENCE
SELENOLOGY
SIDEREAL TIME
SKY SURVEYS (ASTRONOMY)
SOLAR NEIGHBORHOOD
SOLAR PARALLAX
SOUTHERN SKY
SPACEBORNE TELESCOPES
STELLAR MAGNITUDE
STELLAR MODELS
STELLAR OSCILLATIONS
TELESCOPES

ASTROPHYSICS

UF GEOASTROPHYSICS
GS ASTROPHYSICS
COMPUTATIONAL ASTROPHYSICS
STELLAR PHYSICS
SOLAR PHYSICS

ATMOSPHERIC ELECTRICITY

ASTROPHYSICS-(CONT.)

RT ACCRETION DISKS
ASSOCIATION REACTIONS
ASTRONOMY
BRIGHTNESS DISTRIBUTION
BRIGHTNESS TEMPERATURE
CELESTIAL BODIES
CELESTIAL MECHANICS
COSMOLOGY
DEGENERATE MATTER
DENSE PLASMAS
DISK GALAXIES
GALACTIC EVOLUTION
GAMMA RAY ASTRONOMY
GRAND UNIFIED THEORY
GRAVITATIONAL COLLAPSE
HELIOSEISMOLOGY
INTERSTELLAR EXTINCTION
MAGNETIC FIELD CONFIGURATIONS
MASS TO LIGHT RATIOS
MICHELSON INTERFEROMETERS
MISSING MASS (ASTROPHYSICS)
NAKED SINGULARITIES
ORION NEBULA
∞ PHYSICS
PLANETARY ROTATION
RADIO INTERFEROMETERS
RADIO JETS (ASTRONOMY)
RELIC RADIATION
∞ SCIENCE
SOLAR NEUTRINOS
SPARTAN SATELLITES
SPIN TEMPERATURE
STAR FORMATION
STELLAR CORES
STELLAR ENVELOPES
STELLAR EVOLUTION
STELLAR INTERIORS
STELLAR OSCILLATIONS
THEORETICAL PHYSICS
WOLF-RAYET STARS
X RAY ASTROPHYSICS FACILITY
X RAY BINARIES

ASTROPLANE

SN (LIMITED TO THE EUROPEAN AIRBORNE
ASTRONOMICAL OBSERVATORY)
GS OBSERVATORIES
. ASTRONOMICAL OBSERVATORIES
. . . ASTROPLANE
RT A-300 AIRCRAFT
AIRBORNE EQUIPMENT
INFRARED TELESCOPES

ASYMPTOTIC GIANT BRANCH STARS

UF AGB STARS
GS CELESTIAL BODIES
. STARS
. . GIANT STARS
. . . ASYMPTOTIC GIANT BRANCH
STARS
RT CARBON STARS
COLOR-MAGNITUDE DIAGRAM
HERTZSPRUNG-RUSSELL DIAGRAM
LATE STARS
M STARS
MIRA VARIABLES
RED GIANT STARS
S STARS
STELLAR EVOLUTION
STELLAR MASS EJECTION

∞ ATMOSPHERES

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
RT AIR
ARGON-OXYGEN ATMOSPHERES
ATMOSPHERIC PRESSURE
CABIN ATMOSPHERES
CONTROLLED ATMOSPHERES
EARTH ATMOSPHERE
ENVIRONMENTS
EQUATORIAL ATMOSPHERE
GAS MIXTURES
GASES
HELIUM-OXYGEN ATMOSPHERES
HYPOBARIC ATMOSPHERES
LIFE SUPPORT SYSTEMS
METEOROLOGY
MIDDLE ATMOSPHERE
NEPTUNE ATMOSPHERE
NEUTRAL ATMOSPHERES
NONGRAY ATMOSPHERES
NONGRAY GAS

ATMOSPHERES-(CONT.)

PLANETARY ATMOSPHERES
PLANETARY IONOSPHERES
PRIMITIVE EARTH ATMOSPHERE
SATELLITE ATMOSPHERES
SOLAR ATMOSPHERE
STELLAR ATMOSPHERES
URANUS ATMOSPHERE

ATMOSPHERIC ABSORPTION

USE ATMOSPHERIC ATTENUATION

ATMOSPHERIC ATTENUATION

UF ATMOSPHERIC ABSORPTION
GS ATTENUATION
. . . ATMOSPHERIC ATTENUATION
. . . AURORAL ABSORPTION
RT ACOUSTIC ATTENUATION
ATMOSPHERIC LASERS
COSMIC RAY ALBEDO
ELECTROMAGNETIC ABSORPTION
ELECTROMAGNETIC SCATTERING
ELECTROMAGNETIC WAVE
TRANSMISSION
INFRARED ABSORPTION
MOLECULAR ABSORPTION
PLANETARY ATMOSPHERES
RADAR ATTENUATION
RADAR TRANSMISSION
RADIATION ABSORPTION
RADIO ATTENUATION
RADIO TRANSMISSION
SHOCK WAVE ATTENUATION
SHOCK WAVE PROPAGATION
THERMAL ABSORPTION
TRANSMISSION
VEGETATIVE INDEX
WAVE ATTENUATION
WAVE PROPAGATION

ATMOSPHERIC CHEMISTRY

GS ENVIRONMENTAL CHEMISTRY
. . . ATMOSPHERIC CHEMISTRY
RT ACID RAIN
AEROTHERMOCHEMISTRY
AIR POLLUTION
AITKEN NUCLEI
ATMOSPHERIC EFFECTS
∞ CHEMISTRY
FORMYL IONS
MIDDLE ATMOSPHERE
NITROUS ACID
PHOTOCHEMICAL OXIDANTS
PHOTOCHEMICAL REACTIONS
PHYSICAL CHEMISTRY
SATELLITE ATMOSPHERES

ATMOSPHERIC CIRCULATION

UF WIND CIRCULATION
GS CIRCULATION
. . . ATMOSPHERIC CIRCULATION
. . . ZONAL FLOW (METEOROLOGY)
RT ADVECTION
AIR CURRENTS
AIR LAND INTERACTIONS
AIR MASSES
ANNUAL VARIATIONS
ATMOSPHERIC GENERAL CIRCULATION
EXPERIMENT
BAROCLINIC INSTABILITY
BRUNT-VAISALA FREQUENCY
CIRCULATION DISTRIBUTION
CIRCUMPOLAR WESTERLIES
CLIMATOLOGY
CYCLOGENESIS
EARTH ATMOSPHERE
GROUND WIND
INTERTROPICAL CONVERGENT ZONES
JET STREAMS (METEOROLOGY)
MERIDIONAL FLOW
MIDDLE ATMOSPHERE
MIXING HEIGHT
MONSOONS
PLANETARY METEOROLOGY
PLANETARY WAVES
POLLUTION TRANSPORT
SEA BREEZE
SOUTHERN OSCILLATION
SUPERROTATION
TORNADOES
TROPICAL STORMS
TURBOPAUSE
TYPHOONS
UPWELLING WATER
VERTICAL AIR CURRENTS

ATMOSPHERIC CIRCULATION-(CONT.)

VORTICITY
WIND (METEOROLOGY)
WIND DIRECTION
WIND PROFILES
WINDPOWER UTILIZATION

ATMOSPHERIC COMPOSITION

GS COMPOSITION (PROPERTY)
. . . ATMOSPHERIC COMPOSITION
. . . ATMOSPHERIC MOISTURE
. . . IONOSPHERIC COMPOSITION
RT AERONOMY
AIR
AIR POLLUTION
AITKEN NUCLEI
CARBON DIOXIDE CONCENTRATION
CHEMICAL COMPOSITION
CLIMATE CHANGE
EARTH ATMOSPHERE
ELECTRON DENSITY (CONCENTRATION)
EQUATORIAL ATMOSPHERE
GAS COMPOSITION
LACATE (EXPERIMENT)
MIDDLE ATMOSPHERE
MOISTURE CONTENT
OZONE DEPLETION
PARTICULATES
PLANETARY ATMOSPHERES
PRIMITIVE EARTH ATMOSPHERE
RADIO OCCULTATION
RADIOACTIVE CONTAMINANTS
SATELLITE ATMOSPHERES
SATURN ATMOSPHERE
SOLAR MESOSPHERE EXPLORER
TITAN

ATMOSPHERIC CONDUCTIVITY

GS TRANSPORT PROPERTIES
. . . ATMOSPHERIC CONDUCTIVITY
. . . IONOSPHERIC CONDUCTIVITY
RT AIR CONDUCTIVITY
∞ CONDUCTIVITY
ELECTRICAL RESISTIVITY
THERMAL CONDUCTIVITY

ATMOSPHERIC DENSITY

GS DENSITY (MASS/VOLUME)
. . . ATMOSPHERIC DENSITY
RT AIR POLLUTION
BOLTZMANN DISTRIBUTION
∞ DENSITY
DENSITY (NUMBER/VOLUME)
ELECTRON DENSITY (CONCENTRATION)
HUMIDITY
ION DENSITY (CONCENTRATION)
MAGNETOSPHERIC ELECTRON DENSITY
MAGNETOSPHERIC ION DENSITY
MAGNETOSPHERIC PROTON DENSITY
METEOROLOGY
PARTICLE DENSITY (CONCENTRATION)
PLANETARY ATMOSPHERES
PLASMA DENSITY
PROTON DENSITY (CONCENTRATION)
SPACE DENSITY

ATMOSPHERIC DIFFUSION

GS DIFFUSION
. . . ATMOSPHERIC DIFFUSION
RT BOLTZMANN DISTRIBUTION
MOLECULAR DIFFUSION
POLLUTION TRANSPORT
RADIO SCATTERING
TURBULENT DIFFUSION

ATMOSPHERIC EFFECTS

RT AEROSOLS
AIR POLLUTION
ATMOSPHERIC CHEMISTRY
ATMOSPHERIC CORRECTION
∞ EFFECTS
EROSION
EXPOSURE
RUSTING
SOIL EROSION
TURBULENCE
VEGETATIVE INDEX
WIND EFFECTS
WIND EROSION

ATMOSPHERIC ELECTRICITY

GS ELECTRICITY
. . . ATMOSPHERIC ELECTRICITY
. . . IONOSPHERIC CURRENTS
. . . ELECTROJETS

ATMOSPHERIC EMISSION

ATMOSPHERIC ELECTRICITY-(CONT.)

RT AURORAL ELECTROJETS
 EQUATORIAL ELECTROJET
 ATMOSPHERICS
 BALL LIGHTNING
 CLOUD PHYSICS
 DUST STORMS
 EARTH ATMOSPHERE
 ELECTRIC CORONA
 ELECTRON DENSITY PROFILES
 LIGHTNING
 LIGHTNING SUPPRESSION
 PRIMITIVE EARTH ATMOSPHERE
 RING CURRENTS
 STATIC ELECTRICITY
 TELLURIC CURRENTS

ATMOSPHERIC EMISSION

USE AIRGLOW

ATMOSPHERIC ENTRY

UF PLANETARY ENTRY
 GS ATMOSPHERIC ENTRY
 . REENTRY
 . . HYPERBOLIC REENTRY
 . . HYPERSONIC REENTRY
 . . UNCONTROLLED REENTRY
 (SPACECRAFT)
 . MANNED REENTRY
 . . SPACECRAFT REENTRY
 . . UNCONTROLLED REENTRY
 (SPACECRAFT)

RT ABLATION
 AEROASSIST
 AEROCAPTURE
 AERODYNAMIC HEATING
 AEROMANEUVERING
 BOLIDES
 DESCENT TRAJECTORIES
 EARTH ATMOSPHERE
 ∞ ENTRY
 ENTRY GUIDANCE (STS)
 FALLING
 GALILEO PROJECT
 GAS GUNS
 ORBIT DECAY
 SPACE FLIGHT

ATMOSPHERIC MODELS

GS MODELS
 . ATMOSPHERIC MODELS
 . . REFERENCE ATMOSPHERES
 RT BAROCLINIC INSTABILITY
 CHAPMAN-FERRARO PROBLEM
 ENVIRONMENT MODELS
 ENVIRONMENT SIMULATION
 MATHEMATICAL MODELS
 NUMERICAL WEATHER FORECASTING
 OCEAN MODELS
 PRIMITIVE EARTH ATMOSPHERE
 SOLAR OSCILLATIONS
 STELLAR OSCILLATIONS
 VENUS CLOUDS
 WEATHER FORECASTING

ATMOSPHERIC MOISTURE

GS COMPOSITION (PROPERTY)
 . ATMOSPHERIC COMPOSITION
 . . ATMOSPHERIC MOISTURE
 . . CONCENTRATION (COMPOSITION)
 . . MOISTURE CONTENT
 ATMOSPHERIC MOISTURE
 MOISTURE
 . ATMOSPHERIC MOISTURE
 RT ACID RAIN
 ANVIL CLOUDS
 CAP CLOUDS
 CIRROCUMULUS CLOUDS
 CIRROSTRATUS CLOUDS
 CLOUDS (METEOROLOGY)
 DEW POINT
 HUMIDITY
 PRECIPITATION (METEOROLOGY)
 PSYCHROMETERS
 WATER VAPOR

ATMOSPHERIC OPTICS

RT ADAPTIVE OPTICS
 ATMOSPHERIC LASERS
 CLARITY
 HAZE
 INFRARED ABSORPTION
 LIGHT TRANSMISSION
 OPACITY
 ∞ OPTICS

ATMOSPHERIC OPTICS-(CONT.)

TRANSPARENCE
 VEGETATIVE INDEX

ATMOSPHERIC PHYSICS

UF AEROPHYSICS
 GS ATMOSPHERIC PHYSICS
 . CLOUD PHYSICS
 RT AERONOMY
 BRUNT-VAISALA FREQUENCY
 DUST STORMS
 INTERNATIONAL MAGNETOSPHERIC
 STUDY
 MAGNETOSPHERE-IONOSPHERE
 COUPLING
 METEOROLOGY
 NEUTRAL SHEETS
 ∞ PHYSICS
 PLANETARY METEOROLOGY
 SATELLITE ATMOSPHERES
 ∞ SCIENCE
 SECULAR VARIATIONS
 TURBOPAUSE

ATMOSPHERIC PRESSURE

UF BAROMETRIC PRESSURE
 GS PRESSURE
 . ATMOSPHERIC PRESSURE
 RT ANTICYCLONES
 ∞ ATMOSPHERES
 CYCLOGENESIS
 CYCLONES
 GAS PRESSURE
 GEOPOTENTIAL HEIGHT
 HIGH ALTITUDE PRESSURE
 ISOBARS (PRESSURE)
 ISOSTATIC PRESSURE
 PRESSURE GRADIENTS
 RADIO OCCULTATION
 SOUTHERN OSCILLATION
 WEATHER

ATMOSPHERIC RADIATION

GS ATMOSPHERIC RADIATION
 . AURORAS
 . . AURORAL ARCS
 . . . RED ARCS
 . . RADIO AURORAS
 . . DAWN CHORUS
 . . IONOSPHERIC NOISE
 . . WHISTLERS
 . SKY RADIATION
 . . AIRGLOW
 . . . GEOMAGNETIC EMISSIONS
 . . . NIGHTGLOW
 . . . TWILIGHT GLOW
 . . DAYGLOW
 . STRATOSPHERE RADIATION
 . TROPOSPHERIC RADIATION
 RT CORPUSCULAR RADIATION
 EARTH RADIATION BUDGET
 ELECTROMAGNETIC RADIATION
 EXTRATERRESTRIAL RADIATION
 GREENHOUSE EFFECT
 IONOSPHERIC HEATING
 LIGHT (VISIBLE RADIATION)
 ∞ RADIATION
 ∞ RAYS
 SECONDARY COSMIC RAYS
 TERRESTRIAL RADIATION
 VLF EMISSION RECORDERS

ATMOSPHERIC REFRACTION

GS REFRACTION
 . ATMOSPHERIC REFRACTION
 . . RADIO WAVE REFRACTION
 RT ELECTROMAGNETIC RADIATION
 LIGHT TRANSMISSION
 REFRACTIVITY
 SOLAR RADIATION
 WAVE DISPERSION

ATMOSPHERIC SCATTERING

GS SCATTERING
 . WAVE SCATTERING
 . . ATMOSPHERIC SCATTERING
 . . . TROPOSPHERIC SCATTERING
 RT ATMOSPHERIC LASERS
 CIRCUMSOLAR RADIATION
 DIFFRACTION
 DIFFUSION
 ELECTROMAGNETIC SCATTERING
 HALOS
 LIGHT SCATTERING
 MICROWAVE SCATTERING

ATMOSPHERIC SCATTERING-(CONT.)

RADIO SCATTERING
 SIGNAL FADING
 VEGETATIVE INDEX

ATMOSPHERIC SHELLS

USE ATMOSPHERIC STRATIFICATION

ATMOSPHERIC STRATIFICATION

UF ATMOSPHERIC SHELLS
 GS STRATIFICATION
 . ATMOSPHERIC STRATIFICATION
 RT BRUNT-VAISALA FREQUENCY
 PLASMA LAYERS
 SURFACE LAYERS

ATMOSPHERIC TEMPERATURE

GS TEMPERATURE
 . ATMOSPHERIC TEMPERATURE
 . . AURORAL TEMPERATURE
 . . IONOSPHERIC TEMPERATURE
 RT AMBIENT TEMPERATURE
 CLIMATE CHANGE
 GAS TEMPERATURE
 ISOTHERMS
 LACATE (EXPERIMENT)
 PLANETARY ATMOSPHERES
 PLANETARY TEMPERATURE
 RADIO OCCULTATION
 SODAR
 SOUND DETECTING AND RANGING
 SUBZERO TEMPERATURE
 TEMPERATURE GRADIENTS
 TEMPERATURE INVERSIONS
 THERMAL RESOURCES
 WEATHER

ATOMIC CLOCKS

GS MEASURING INSTRUMENTS
 . TIME MEASURING INSTRUMENTS
 . . CLOCKS
 . . . ATOMIC CLOCKS
 RT AUTONOMOUS SPACECRAFT CLOCKS
 CHRONOMETERS
 CLOCK PARADOX
 FREQUENCY STANDARDS
 GAS MASERS
 MASERS
 MOLECULAR BEAMS
 TIME MEASUREMENT

ATOMIC SPECTRA

GS SPECTRA
 . ATOMIC SPECTRA
 RT BALMER SERIES
 LYMAN ALPHA RADIATION
 LYMAN BETA RADIATION
 LYMAN SPECTRA
 PASCHEN SERIES
 RYDBERG SERIES

ATTITUDE (INCLINATION)

UF SPATIAL ORIENTATION
 TILT
 TILTING
 GS ATTITUDE (INCLINATION)
 . PITCH (INCLINATION)
 . ROLL
 . SATELLITE ORIENTATION
 . YAW
 RT HORIZONTAL ORIENTATION
 INSTRUMENT ORIENTATION
 MISALIGNMENT
 ∞ MOTION
 ∞ ORIENTATION
 ∞ POSITION
 ∞ SPACE ORIENTATION
 STABILITY AUGMENTATION
 TILTMETERS
 VERTICAL ORIENTATION

AUGER EFFECT

RT COSMIC RAY SHOWERS
 ∞ EFFECTS
 ELECTRON TRANSITIONS

AUGER SPECTROSCOPY

GS SPECTROSCOPY
 . AUGER SPECTROSCOPY
 RT CHEMICAL ANALYSIS
 ELECTRON TRANSITIONS
 SPECTROSCOPIC ANALYSIS
 THERMITES

BIG BANG COSMOLOGY

AURIGA CONSTELLATION
GS CONSTELLATIONS
RT AURIGA CONSTELLATION
ZETA AURIGAE STAR

AURORAL ACTIVITY
USE AURORAS

AURORAL ARCS
GS ATMOSPHERIC RADIATION
AURORAS
AURORAL ARCS
RED ARCS
RT ARCS

AURORAL IONIZATION
GS IONIZATION
GAS IONIZATION
ATMOSPHERIC IONIZATION
AURORAL IONIZATION
RT AURORAS
EXCITATION
LIGHT EMISSION
PHOTOIONIZATION
RED ARCS

AURORAL IRRADIATION
GS IRRADIATION
AURORAL IRRADIATION
RT AURORAS
ELECTRON IRRADIATION
EXCITATION
ION IRRADIATION
PHOTOIONIZATION

AURORAL TEMPERATURE
GS TEMPERATURE
ATMOSPHERIC TEMPERATURE
AURORAL TEMPERATURE
RT AURORAS
ION TEMPERATURE
IONOSPHERIC TEMPERATURE

AURORAL ZONES
GS REGIONS
AURORAL ZONES
RT AURORAS
MAGNETIC POLES
POLAR RADIO BLACKOUT
POLAR REGIONS

AURORAS
UF AURORAL ACTIVITY
POLAR AURORAS
GS ATMOSPHERIC RADIATION
AURORAS
AURORAL ARCS
RED ARCS
RADIO AURORAS
RT AERONOMY
AIRGLOW
AURORAL IONIZATION
AURORAL IRRADIATION
AURORAL TEMPERATURE
AURORAL ZONES
DAWN CHORUS
EARTH ATMOSPHERE
ELECTRON PRECIPITATION
ESRO 4 SATELLITE
LIGHT EMISSION
MAGNETIC DISTURBANCES
NIGHT SKY
PROTON PRECIPITATION
SKY BRIGHTNESS
SOLAR ACTIVITY
X RAYS

AUSTRALITES
GS CELESTIAL BODIES
METEORITES
STONY METEORITES
TEKTITES
AUSTRALITES
RT BEDIASITES

AXAF
USE X RAY ASTROPHYSICS FACILITY

AZIMUTH
UF SOLAR AZIMUTH
RT ALTITUDE
ANGLES (GEOMETRY)
ASTRONOMICAL COORDINATES
BEARING (DIRECTION)

AZIMUTH-(CONT.)
CELESTIAL REFERENCE SYSTEMS
DIRECTION
ELEVATION ANGLE
LOOK ANGLES (TRACKING)
NAVIGATION
ORIENTATION
POSITION (LOCATION)

B

B STARS
UF HELIUM STARS
GS CELESTIAL BODIES
STARS
EARLY STARS
HOT STARS
B STARS
SIGMA ORIONIS
RT BLUE STARS
HERBIG-HARO OBJECTS
LIMB BRIGHTENING
LIMB DARKENING
PECULIAR STARS
STELLAR COMPOSITION
WOLF-RAYET STARS

BACKGROUND RADIATION
RT BIG BANG COSMOLOGY
CONTINUOUS RADIATION
CORPUSCULAR RADIATION
COSMIC BACKGROUND EXPLORER
SATELLITE
COSMIC NOISE
ELECTROMAGNETIC NOISE
EXTRATERRESTRIAL RADIATION
HIGH ALTITUDE TESTS
IONOSPHERIC NOISE
RADIATION
RELIC RADIATION
SKY RADIATION

BACKSCATTERING
GS SCATTERING
BACKSCATTERING
RT FORWARD SCATTERING
LASER PLASMA INTERACTIONS
NUCLEAR SCATTERING
SCATTER PROPAGATION

BAKER-NUNN CAMERA
GS OPTICAL EQUIPMENT
CAMERAS
BAKER-NUNN CAMERA
PHOTOGRAPHIC EQUIPMENT
CAMERAS
BAKER-NUNN CAMERA
RT ASTRONOMICAL PHOTOGRAPHY
SCHMIDT CAMERAS

BALLOON-BORNE INSTRUMENTS
GS MEASURING INSTRUMENTS
BALLOON-BORNE INSTRUMENTS
RT AIRBORNE EQUIPMENT
BALLOONS
HIGH ALTITUDE BALLOONS
METEOROLOGICAL INSTRUMENTS
RADIOSONDES
TELESCOPES

BALMER SERIES
GS SPECTRA
RADIATION SPECTRA
ELECTROMAGNETIC SPECTRA
LINE SPECTRA
BALMER SERIES
RT ABSORPTION SPECTRA
ATOMIC SPECTRA
ELECTRON TRANSITIONS
EMISSION SPECTRA
H BETA LINE
H GAMMA LINE
H LINES
HYDROGEN

BARDEEN-COOPER-SCHRIEFFER THEORY
USE BCS THEORY

BAROMETRIC PRESSURE
USE ATMOSPHERIC PRESSURE

BARRED GALAXIES
GS CELESTIAL BODIES
GALAXIES
SPIRAL GALAXIES
BARRED GALAXIES
RT DISK GALAXIES
GALACTIC STRUCTURE
HUBBLE DIAGRAM
LOCAL GROUP (ASTRONOMY)
STAR CLUSTERS
STAR DISTRIBUTION
STARS
VIRGO GALACTIC CLUSTER

BARYONS
GS PARTICLES
ELEMENTARY PARTICLES
FERMIONS
BARYONS
HYPERONS
XI HYPERONS
OMEGA-MESONS
RHO-MESONS
SIGMA-MESONS
HADRONS
BARYONS
OMEGA-MESONS
RHO-MESONS
SIGMA-MESONS
RT BARYON RESONANCE
COLD NEUTRONS
DARK MATTER
ETA-MESONS
FAST NEUTRONS
GRAVITINOS
KAONS
MESON RESONANCE
MESONS
MUONS
NEUTRONS
NUCLEONS
PHOTONEUTRONS
PIONS
PROTONS
RECOIL PROTONS
SOLAR PROTONS
THERMAL NEUTRONS

BCS THEORY
UF BARDEEN-COOPER-SCHRIEFFER THEORY
RT MANY BODY PROBLEM
SUPERCONDUCTIVITY
THEORIES
THERMODYNAMIC COUPLING

BEDIASITES
GS CELESTIAL BODIES
METEORITES
STONY METEORITES
TEKTITES
BEDIASITES
RT AUSTRALITES

BELTS
SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED-CONSULT THE TERMS LISTED BELOW)
RT ASTEROID BELTS
CABLES (ROPES)
FASTENERS
GIRDLES
PROTON BELTS
PULLEYS
RADIATION BELTS
REGIONS
ROUSE BELTS
SEAT BELTS
TERRESTRIAL DUST BELT

BESSEL-BREDICHIN THEORY
RT COMETS
KOHOUTEK COMET
RADIATION PRESSURE
THEORIES

BETA INTERACTIONS
USE WEAK INTERACTIONS (FIELD THEORY)

BIG BANG COSMOLOGY
GS COSMOLOGY
BIG BANG COSMOLOGY
RT ASTRONOMICAL MODELS
BACKGROUND RADIATION
COSMIC RAYS
GALACTIC EVOLUTION

BINARY STARS

BIG BANG COSMOLOGY-(CONT.)

GAMMA RAY BURSTS
GRAND UNIFIED THEORY
GRAVITATIONAL CONSTANT
RELATIVITY
RELIC RADIATION
UNIVERSE

BINARY STARS

GS CELESTIAL BODIES
STARS
DOUBLE STARS
BINARY STARS
CATAclysmic VARIABLES
COMPANION STARS
NEMESIS (STAR)
ECLIPSING BINARY STARS
DWARF NOVAE
LAMBDA TAURI STARS
ZETA AURIGAE STAR
SIGMA ORIONIS
SYMBIOTIC STARS
RT ACCRETION DISKS
LIMB DARKENING
STAR CLUSTERS
STELLAR PARALLAX
STELLAR SYSTEMS
TWO BODY PROBLEM
VARIABLE STARS

BIOGENESIS

USE BIOLOGICAL EVOLUTION

BIOLOGICAL EVOLUTION

UF BIOGENESIS
GS EVOLUTION (DEVELOPMENT)
BIOLOGICAL EVOLUTION
ABIOTIC GENESIS
RT ARCHAEBACTERIA
BIOLOGY
CHEMICAL EVOLUTION
EUKARYOTES
GENE EXPRESSION
GENETICS
LIFE SCIENCES
MUTAGENS
MUTATIONS
PANSPERMIA
PROKARYOTES
PROTEIN SYNTHESIS

BL LACERTAE OBJECTS

GS CELESTIAL BODIES
BL LACERTAE OBJECTS
RT EXTRAGALACTIC RADIO SOURCES
GALAXIES
IRREGULAR GALAXIES
LUMINOUS INTENSITY
POLARIZATION (WAVES)
RADIANT FLUX DENSITY
RADIO SOURCES (ASTRONOMY)

BLACK AND WHITE PHOTOGRAPHY

GS IMAGERY
BLACK AND WHITE PHOTOGRAPHY
PHOTOGRAPHY
BLACK AND WHITE PHOTOGRAPHY
RT ALL SKY PHOTOGRAPHY
ASTRONOMICAL PHOTOGRAPHY
AUTORADIOGRAPHY
CHRONOPHOTOGRAPHY
CINEMATOGRAPHY
CLOUD PHOTOGRAPHY
COLOR PHOTOGRAPHY
ELECTRO-OPTICAL PHOTOGRAPHY
ELECTRON PHOTOGRAPHY
FRAME PHOTOGRAPHY
INFRARED PHOTOGRAPHY
LUNAR PHOTOGRAPHY
PHOTOMICROGRAPHY
PHOTORECONNAISSANCE
RADAR PHOTOGRAPHY
ROCKET-BORNE PHOTOGRAPHY
SATELLITE-BORNE PHOTOGRAPHY
SCHLIEREN PHOTOGRAPHY
SHADOWGRAPH PHOTOGRAPHY
SPACEBORNE PHOTOGRAPHY
SPECTROHELIOGRAPHS
SPECTROPHOTOGRAPHY
STEREOPHOTOGRAPHY
ULTRAVIOLET PHOTOMETRY
UROGRAPHY

BLACK BODY RADIATION

GS ELECTROMAGNETIC RADIATION

BLACK BODY RADIATION-(CONT.)

RT THERMAL RADIATION
BLACK BODY RADIATION
BRIGHTNESS DISTRIBUTION
BRIGHTNESS TEMPERATURE
EMISSION
HEAT RADIATORS
HOHLRAUMS
INFRARED RADIATION
KIRCHHOFF LAW OF RADIATION
LIGHT (VISIBLE RADIATION)
NONGRAY ATMOSPHERES
NONGRAY GAS
PLANCKS CONSTANT
RADIANCE
RADIATION
SUNLIGHT
ULTRAVIOLET RADIATION

BLACK HOLES (ASTRONOMY)

GS CELESTIAL BODIES
STARS
BLACK HOLES (ASTRONOMY)
RT ACCRETION DISKS
DEGENERATE MATTER
GRAVITATIONAL COLLAPSE
GRAVITATIONAL LENSES
NAKED SINGULARITIES
REISSNER-NORDSTROM SOLUTION
SUPERNOVA REMNANTS
WHITE HOLES (ASTRONOMY)
X RAY BINARIES

BLUE STARS

GS CELESTIAL BODIES
STARS
EARLY STARS
HOT STARS
BLUE STARS
RT A STARS
B STARS
O STARS

BODY TEMPERATURE (NON-BIOLOGICAL)

USE TEMPERATURE

BOLIDES

GS CELESTIAL BODIES
METEORIODS
BOLIDES
CYRILLID METEORIODS
RT ATMOSPHERIC ENTRY
ATMOSPHERIC HEATING
FIREBALLS
METEOR TRAILS
METEORITES
METEOROID SHOWERS
PRIBRAM METEORITE

BOLOGRAMS

USE BOLOMETERS

BOLOMETERS

UF BOLOGRAMS
GS MEASURING INSTRUMENTS
RADIATION MEASURING INSTRUMENTS
BOLOMETERS
RT DICKE RADIOMETERS
ELECTRICAL MEASUREMENT
HEAT MEASUREMENT
INFRARED DETECTORS
PHOTOMETERS
POTENTIOMETERS (INSTRUMENTS)
RADIATION PYROMETERS
RADIOMETERS
RESISTANCE THERMOMETERS
TEMPERATURE MEASUREMENT
TEMPERATURE MEASURING
INSTRUMENTS

BOMBARDMENT

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
RT HYPERVELOCITY PROJECTILES
IRRADIATION
METEORITIC DAMAGE
SPUTTERING

BONDOC METEORITE

GS CELESTIAL BODIES
METEORITES
STONY METEORITES
ACHONDRITES
BONDOC METEORITE

BOSE-EINSTEIN STATISTICS

USE QUANTUM STATISTICS

BREMSSTRAHLUNG

GS ELECTROMAGNETIC RADIATION
BREMSSTRAHLUNG
RT CERENKOV RADIATION
DIFFRACTION RADIATION
ELECTRON PHOTON CASCADES
ELECTRON RADIATION
FAR ULTRAVIOLET RADIATION
GAMMA RAY BURSTS
GAMMA RAYS
NUCLEAR RADIATION
RELATIVISTIC PLASMAS
SYNCHROTRON RADIATION
X RAYS

BRIGHTNESS

GS ELECTROMAGNETIC PROPERTIES
OPTICAL PROPERTIES
BRIGHTNESS
RT BISTATIC REFLECTIVITY
BRIGHTNESS DISTRIBUTION
COLOR
DIMMING
EMISSION
FLUX (RATE)
GLARE
HUMAN FACTORS ENGINEERING
ILLUMINANCE
ILLUMINATING
INCANDESCENCE
INTENSITY
LIGHT (VISIBLE RADIATION)
LIMB BRIGHTENING
LUMINANCE
LUMINESCENCE
LUMINOSITY
LUMINOUS INTENSITY
LUSTER
RADIANCE
RADIANT FLUX DENSITY
REFLECTANCE
SKY BRIGHTNESS
STELLAR LUMINOSITY
VISIBILITY
VISION

BRIGHTNESS DISTRIBUTION

GS DISTRIBUTION (PROPERTY)
BRIGHTNESS DISTRIBUTION
ELECTROMAGNETIC PROPERTIES
OPTICAL PROPERTIES
BRIGHTNESS DISTRIBUTION
STATISTICAL DISTRIBUTIONS
BRIGHTNESS DISTRIBUTION
RT ASTROPHYSICS
BLACK BODY RADIATION
BRIGHTNESS
BRIGHTNESS TEMPERATURE
DISTRIBUTION
GALACTIC RADIATION
PHOTOGRAPHY
RADIANT FLUX DENSITY
RADIO ASTRONOMY
SOLAR GRANULATION
STELLAR LUMINOSITY

BRIGHTNESS TEMPERATURE

GS TEMPERATURE
BRIGHTNESS TEMPERATURE
RT ASTROPHYSICS
BLACK BODY RADIATION
BRIGHTNESS DISTRIBUTION
LIMB BRIGHTENING
METEOROLOGY
PHOTOGRAPHY
RADIO ASTRONOMY
TEMPERATURE MEASUREMENT

BROKEN SYMMETRY

UF SYMMETRY BREAKING
GS SYMMETRY
BROKEN SYMMETRY
RT GRAND UNIFIED THEORY
MATHEMATICAL MODELS
SUPERGRAVITY
SUPERSYMMETRY
THEORETICAL PHYSICS

BRUDERHEIM METEORITE

GS CELESTIAL BODIES
METEORITES
STONY METEORITES

CELESTIAL BODIES

BRUDERHEIM METEORITE-(CONT.)

... CHONDRITES
... BRUDERHEIM METEORITE

BURSTS

GS BURSTS
... GAMMA RAY BURSTS
... RADIO BURSTS
... SOLAR RADIO BURSTS
... TYPE 2 BURSTS
... TYPE 3 BURSTS
... TYPE 4 BURSTS
... TYPE 5 BURSTS
RT ∞ DISTURBANCES
EMISSION
EXPLOSIONS
FRAGMENTATION
IMPLOSIONS
RUPTURING

C

C STARS

USE CARBON STARS

C-M DIAGRAM

USE COLOR-MAGNITUDE DIAGRAM

CALDERAS

GS LANDFORMS
... CALDERAS
RT CONES (VOLCANOES)
CRATERS
LAVA
MARS VOLCANOES
VOLCANOES
VOLCANOLOGY

CALLISTO

GS CELESTIAL BODIES
... NATURAL SATELLITES
... ICY SATELLITES
... CALLISTO
... JUPITER SATELLITES
... GALILEAN SATELLITES
... CALLISTO
RT CHARON
GANYMEDE
IO
JUPITER (PLANET)

CANADIAN SPACE PROGRAM

GS PROGRAMS
... SPACE PROGRAMS
... CANADIAN SPACE PROGRAM
... ALOUETTE PROJECT
RT AEROSPACE TECHNOLOGY TRANSFER
ANIK SATELLITES
ANIK 1
ANIK 2
ANIK 3
CANADA
CANADIAN SPACECRAFT
COMMUNICATIONS TECHNOLOGY
SATELLITE
NASA PROGRAMS
RADARSAT
SCIENTIFIC SATELLITES
SYNCHRONOUS SATELLITES
TECHNOLOGY ASSESSMENT
TECHNOLOGY UTILIZATION

CANALS

GS LANDFORMS
... CANALS
WATERWAYS
... CANALS
RT DITCHES
FLOOD CONTROL
FLUID FLOW
GATES (OPENINGS)
GREAT LAKES (NORTH AMERICA)
IRRIGATION
MARS SURFACE
MATERIALS HANDLING
PANAMA
SEEPAGE
STRAITS
TROUGHES
WATER FLOW

CARBON STARS

UF C STARS
GS CELESTIAL BODIES
... STARS
... GIANT STARS
... RED GIANT STARS
... CARBON STARS
... LATE STARS
... COOL STARS
... CARBON STARS
RT ASYMPTOTIC GIANT BRANCH STARS
IRREGULAR VARIABLE STARS
MIRA VARIABLES
R CORONAE BOREALIS STARS
STELLAR COMPOSITION
SUBGIANT STARS
WOLF-RAYET STARS

CARBONACEOUS CHONDRITES

GS CELESTIAL BODIES
... METEORITES
... STONY METEORITES
... CHONDRITES
... CARBONACEOUS CHONDRITES
... ALLENDE METEORITE
... MURCHISON METEORITE

CARBONACEOUS METEORITES

GS CELESTIAL BODIES
... METEORITES
... STONY METEORITES
... CHONDRITES
... CARBONACEOUS METEORITES
... ALAIS METEORITE
... COLD BOKKEVELD METEORITE
... IVUNA METEORITE
... MURRAY METEORITE
... ORGUEIL METEORITE
... TONK METEORITE
RT EXOBIOLOGY
METEORITIC COMPOSITION

CARRINGTON ROTATION

USE SOLAR ROTATION

CARTOGRAPHY

USE MAPPING

CASSEGRAIN OPTICS

RT FIBER OPTICS
GEOMETRICAL OPTICS
MIRRORS
∞ OPTICS
REFLECTING TELESCOPES
TELESCOPES

CASSIOPEIA A

GS CELESTIAL BODIES
... NEBULAE
... CASSIOPEIA A
... RADIO SOURCES (ASTRONOMY)
... CASSIOPEIA A
RT ORION NEBULA

CASSIOPEIA CONSTELLATION

GS CONSTELLATIONS
... CASSIOPEIA CONSTELLATION
RT CELESTIAL BODIES
CELESTIAL SPHERE
STARS

CATAclysmic VARIABLES

GS CELESTIAL BODIES
... STARS
... DOUBLE STARS
... BINARY STARS
... CATAclysmic VARIABLES
... VARIABLE STARS
... CATAclysmic VARIABLES
RT DWARF STARS
ECLIPSING BINARY STARS
FLARE STARS
HOT STARS
NOVAE
PERIODIC VARIATIONS
SOLAR OSCILLATIONS
STELLAR FLARES
STELLAR MASS EJECTION
STELLAR OSCILLATIONS
WHITE DWARF STARS

CELESCOPES

GS ELECTRON TUBES
... VACUUM TUBES

CELESCOPES-(CONT.)

... MICROWAVE TUBES
... CELESCOPES
MICROWAVE EQUIPMENT
... MICROWAVE TUBES
... CELESCOPES
MIRRORS
... CELESCOPES
OPTICAL EQUIPMENT
... IMAGE CONVERTERS
... CELESCOPES
TELESCOPES
... CELESCOPES
RT SOLAR INSTRUMENTS

CELESTIAL BODIES

GS CELESTIAL BODIES
... ASTEROID BELTS
... ASTEROIDS
... AMOR ASTEROID
... AMPHITRITE ASTEROID
... APOLLO ASTEROIDS
... CERES ASTEROID
... CHIRON
... ICARUS ASTEROID
... TORO ASTEROID
... VESTA ASTEROID
... BL LACERTAE OBJECTS
... COMETS
... AREND-ROLAND COMET
... COMET HEADS
... COMET NUCLEI
... COMET TAILS
... ENCKE COMET
... GIACOBINI-ZINNER COMET
... GRIGG-SKJELLERUP COMET
... HALLEY'S COMET
... HUMASON COMET
... IRAS-ARAKI-ALCOCK COMET
... KOHOOTEK COMET
... MOREHOUSE COMET
... MRKOS COMET
... SCHWASSMANN-WACHMANN COMET
... TEMPEL 2 COMET
... WEST COMET
... FAINT OBJECTS
... GALAXIES
... ACTIVE GALAXIES
... MARKARIAN GALAXIES
... RADIO GALAXIES
... SEYFERT GALAXIES
... DISK GALAXIES
... DWARF GALAXIES
... ELLIPTICAL GALAXIES
... GALACTIC CLUSTERS
... LOCAL GROUP (ASTRONOMY)
... ANDROMEDA GALAXY
... VIRGO GALACTIC CLUSTER
... IRREGULAR GALAXIES
... MAFFEI GALAXIES
... MAGELLANIC CLOUDS
... SPIRAL GALAXIES
... BARRED GALAXIES
... MILKY WAY GALAXY
... STARBURST GALAXIES
... INFRARED SOURCES (ASTRONOMY)
... INFRARED STARS
... METEORITES
... HARLETON METEORITE
... IRON METEORITES
... AROOS METEORITE
... ODESSA METEORITE
... SIKHOTE-LIN METEORITE
... LAZAREV METEORITE
... MICROMETEORITES
... OKHANSK METEORITE
... STONY METEORITES
... ACHONDRITES
... BONDOLC METEORITE
... KAPOETA ACHONDRITE
... NORTON COUNTY ACHONDRITE
... CHONDRITES
... BRUDERHEIM METEORITE
... CARBONACEOUS CHONDRITES
... ALLENDE METEORITE
... MURCHISON METEORITE
... CARBONACEOUS METEORITES
... ALAIS METEORITE
... COLD BOKKEVELD METEORITE
... IVUNA METEORITE
... MURRAY METEORITE
... ORGUEIL METEORITE
... TONK METEORITE
... HVITTIS CHONDRITE
... PANTAR CHONDRITES
... PRIBRAM METEORITE

CELESTIAL GEODESY

CELESTIAL BODIES-(CONT.)

... TEKTITES
 ... AUSTRALITES
 ... BEDIASITES
 ... TUNGUSK METEORITE
 METEOROID SHOWERS
 ... AQUARID METEORIODS
 ... ARIETID METEORIODS
 ... CYRILLID METEORIODS
 ... DRACONID METEORIODS
 ... GEMINID METEORIODS
 ... LEONID METEORIODS
 ... ORIONID METEORIODS
 ... PERSEID METEORIODS
 ... QUADRANTID METEORIODS
 ... TAURID METEORIODS
 METEORIODS
 ... AQUARID METEORIODS
 ... ARIETID METEORIODS
 ... BOLIDES
 ... CYRILLID METEORIODS
 ... DRACONID METEORIODS
 ... GEMINID METEORIODS
 ... LEONID METEORIODS
 ... MICROMETEORIODS
 ... METEOROID DUST CLOUDS
 ... ZODIACAL DUST
 ... ORIONID METEORIODS
 ... PERSEID METEORIODS
 ... QUADRANTID METEORIODS
 ... RADIO METEORS
 ... SPORADIC METEORIODS
 ... TAURID METEORIODS
 NATURAL SATELLITES
 ... CHARON
 ... ICY SATELLITES
 ... ARIEL
 ... CALLISTO
 ... DIONE
 ... ENCELADUS
 ... EUROPA
 ... GANYMEDE
 ... HYPERION
 ... IAPETUS
 ... MIMAS
 ... RHEA (ASTRONOMY)
 ... TETHYS
 ... TITANIA
 ... JUPITER SATELLITES
 ... AMALTHEA
 ... GALILEAN SATELLITES
 ... CALLISTO
 ... EUROPA
 ... GANYMEDE
 ... IO
 ... MARS SATELLITES
 ... DEIMOS
 ... PHOBOS
 MOON
 ... SATURN SATELLITES
 ... DIONE
 ... ENCELADUS
 ... HYPERION
 ... IAPETUS
 ... JANUS
 ... MIMAS
 ... PHOEBE
 ... RHEA (ASTRONOMY)
 ... TETHYS
 ... TITAN
 ... TRITON
 ... URANUS SATELLITES
 ... ARIEL
 ... MIRANDA
 ... OBERON
 ... TITANIA
 ... UMBRIEL
 NEBULAE
 ... CASSIOPEIA A
 ... CRAB NEBULA
 ... GUM NEBULA
 ... H I REGIONS
 ... H II REGIONS
 ... HERBIG-HARO OBJECTS
 ... ORION NEBULA
 ... PLANETARY NEBULAE
 ... REFLECTION NEBULAE
 PLANETARY RINGS
 ... JUPITER RINGS
 ... SATURN RINGS
 ... URANUS RINGS
 PLANETS
 ... EXTRASOLAR PLANETS
 ... GAS GIANT PLANETS
 ... JUPITER (PLANET)
 ... NEPTUNE (PLANET)

CELESTIAL BODIES-(CONT.)

... SATURN (PLANET)
 ... URANUS (PLANET)
 ... PLUTO (PLANET)
 ... TERRESTRIAL PLANETS
 ... EARTH (PLANET)
 ... MARS (PLANET)
 ... MERCURY (PLANET)
 ... VENUS (PLANET)
 PROTOPLANETS
 ... RADIO SOURCES (ASTRONOMY)
 ... CASSIOPEIA A
 ... EXTRAGALACTIC RADIO SOURCES
 ... RADIO GALAXIES
 ... RADIO JETS (ASTRONOMY)
 ... QUASARS
 ... RADIO STARS
 ... PULSARS
 ... SOLAR SYSTEM
 ... STAR CLUSTERS
 ... GLOBULAR CLUSTERS
 ... HORIZONTAL BRANCH STARS
 ... OPEN CLUSTERS
 ... PLEIADES CLUSTER
 ... PRAESEPE STAR CLUSTERS
 STARS
 ... BLACK HOLES (ASTRONOMY)
 ... DOUBLE STARS
 ... BINARY STARS
 ... CATAclysmic VARIABLES
 ... COMPANION STARS
 ... NEMESIS (STAR)
 ... ECLIPSING BINARY STARS
 ... DWARF NOVAE
 ... LAMBDA TAURI STARS
 ... ZETA AURIGAE STAR
 ... SIGMA ORIONIS
 ... SYMBIOTIC STARS
 ... EARLY STARS
 ... HOT STARS
 ... A STARS
 ... B STARS
 ... SIGMA ORIONIS
 ... BLUE STARS
 ... O STARS
 ... WHITE DWARF STARS
 ... WOLF-RAYET STARS
 ... F STARS
 ... G STARS
 ... SUN
 ... GIANT STARS
 ... ASYMPTOTIC GIANT BRANCH STARS
 ... OMICRON CETI STAR
 ... RED GIANT STARS
 ... CARBON STARS
 ... INFRARED STARS
 ... LATE STARS
 ... COOL STARS
 ... CARBON STARS
 ... FLARE STARS
 ... K STARS
 ... M STARS
 ... VAN BIESBROECK STAR
 ... MIRA VARIABLES
 ... OMICRON CETI STAR
 ... S STARS
 ... MAGNETIC STARS
 ... MAIN SEQUENCE STARS
 ... DWARF STARS
 ... DWARF NOVAE
 ... FLARE STARS
 ... RED DWARF STARS
 ... SUN
 ... METALLIC STARS
 ... NEUTRON STARS
 ... PULSARS
 ... PECULIAR STARS
 ... SIGMA ORIONIS
 ... SYMBIOTIC STARS
 ... PRAESEPE STAR CLUSTERS
 ... PROTOSTARS
 ... PRE-MAIN SEQUENCE STARS
 ... T TAURI STARS
 ... RADIO STARS
 ... PULSARS
 ... REFERENCE STARS
 ... SUBDWARF STARS
 ... SUBGIANT STARS
 ... SUPERGIANT STARS
 ... R CORONAE BOREALIS STARS
 ... SUPERMASSIVE STARS
 ... VARIABLE STARS
 ... CATAclysmic VARIABLES
 ... CEPHEID VARIABLES
 ... FLARE STARS

CELESTIAL BODIES-(CONT.)

... IRREGULAR VARIABLE STARS
 ... R CORONAE BOREALIS STARS
 ... LAMBDA TAURI STARS
 ... MIRA VARIABLES
 ... OMICRON CETI STAR
 ... NOVAE
 ... DWARF NOVAE
 ... HERCULES NOVA
 ... SEMIREGULAR VARIABLE STARS
 ... SUPERNOVAE
 ... SUPERNOVA 1987A
 ... SYMBIOTIC STARS
 ... T TAURI STARS
 ... WHITE HOLES (ASTRONOMY)
 ... X RAY STARS
 ... STELLAR SYSTEMS
 RT ARIES CONSTELLATION
 ASTEROID CAPTURE
 ASTRODYNAMICS
 ASTROLABES
 ASTRONOMICAL OBSERVATORIES
 ASTRONOMY
 ASTROPHYSICS
 ∞ BODIES
 CASSIOPEIA CONSTELLATION
 CENTAURUS CONSTELLATION
 CORONA BOREALIS CONSTELLATION
 CYGNUS CONSTELLATION
 GRAVITATIONAL WAVES
 IMPACT SELTS
 INTERSTELLAR MATTER
 LYRA CONSTELLATION
 ORBITS
 SOLAR NEIGHBORHOOD
 SPACE FLIGHT
 UNIVERSE

CELESTIAL GEODESY

GS GEODESY
 ... CELESTIAL GEODESY
 RT EXPLORER 29 SATELLITE
 EXPLORER 36 SATELLITE
 GEODETIC SATELLITES
 GEOS 1 SATELLITE
 GEOS 2 SATELLITE
 GEOS 3 SATELLITE
 INTERNATIONAL SATELLITE GEODESY
 EXPERIMENT
 TIME

CELESTIAL MECHANICS

GS CLASSICAL MECHANICS
 ... SPACE MECHANICS
 ... CELESTIAL MECHANICS
 RT ASTRODYNAMICS
 ASTRONOMY
 ASTROPHYSICS
 EPHEMERIDES
 EQUATIONS OF MOTION
 FOUR BODY PROBLEM
 GRAVITATIONAL WAVES
 HYPERBOLIC TRAJECTORIES
 LAGRANGIAN EQUILIBRIUM POINTS
 LONG TERM EFFECTS
 MANY BODY PROBLEM
 ∞ MECHANICS (PHYSICS)
 ORBITAL MECHANICS
 ORBITAL RESONANCES (CELESTIAL MECHANICS)
 ORBITS
 PERTURBATION THEORY
 PLANETS
 ROCHE LIMIT
 SCHACH EFFECT
 SOLAR SYSTEM
 STARS
 STELLAR ORBITS
 SUN
 TERRESTRIAL PLANETS
 THREE BODY PROBLEM
 TRAJECTORY ANALYSIS
 TROJAN ORBITS
 TWO BODY PROBLEM
 WOLF-RAYET STARS

CELESTIAL OBSERVATION

USE ASTRONOMY

CELESTIAL REFERENCE SYSTEMS

RT AIR NAVIGATION
 ASTRONOMICAL COORDINATES
 ASTRONOMICAL MAPS
 AZIMUTH
 COORDINATES

CHARGED PARTICLES

CELESTIAL REFERENCE SYSTEMS-(CONT.)

GEOCENTRIC COORDINATES
INERTIAL REFERENCE SYSTEMS
INTERPLANETARY NAVIGATION
INTERSTELLAR TRAVEL
PLANETOCENTRIC COORDINATES
∞ REFERENCE SYSTEMS
SOLAR LONGITUDE
SPHERICAL COORDINATES
∞ SYSTEMS

CELESTIAL SPHERE

GS SYMMETRICAL BODIES
BODIES OF REVOLUTION
SPHERES
RT CELESTIAL SPHERE
ARIES CONSTELLATION
ASTRONOMICAL MAPS
CASSIOPEIA CONSTELLATION
CENTAURUS CONSTELLATION
CONSTELLATIONS
CORONA BOREALIS CONSTELLATION
CYGNUS CONSTELLATION
HORIZON
LYRA CONSTELLATION
ORBITAL POSITION ESTIMATION
PLANISPHERES
ZENITH

CENTAUR LAUNCH VEHICLE

UF CENTAUR VEHICLE
GS LAUNCH VEHICLES
CENTAUR LAUNCH VEHICLE
ATLAS CENTAUR LAUNCH VEHICLE
ROCKET VEHICLES
CENTAUR LAUNCH VEHICLE
ATLAS CENTAUR LAUNCH VEHICLE
RT ATLAS D ICBM
LIQUID PROPELLANT ROCKET ENGINES
SATURN PROJECT
TITAN CENTAUR LAUNCH VEHICLE

CENTAUR PROJECT

GS PROGRAMS
NASA PROGRAMS
NASA SPACE PROGRAMS
CENTAUR PROJECT
PROJECTS
CENTAUR PROJECT
SPACE PROGRAMS
NASA SPACE PROGRAMS
CENTAUR PROJECT
RT ATLAS CENTAUR LAUNCH VEHICLE
LAUNCH VEHICLES
MARINER PROGRAM
RL-10 ENGINES
SURVEYOR PROJECT

CENTAUR VEHICLE

USE CENTAUR LAUNCH VEHICLE

CENTAURUS CONSTELLATION

GS CONSTELLATIONS
CENTAURUS CONSTELLATION
RT CELESTIAL BODIES
CELESTIAL SPHERE
STARS

CENTIMETER WAVES

GS ELECTROMAGNETIC RADIATION
RADIO WAVES
SHORT WAVE RADIATION
MICROWAVES
CENTIMETER WAVES
RT COSMIC NOISE
EXTRATERRESTRIAL RADIO WAVES
MICROWAVE FREQUENCIES
SUPERHIGH FREQUENCIES

CEPHEID VARIABLES

GS CELESTIAL BODIES
STARS
VARIABLE STARS
CEPHEID VARIABLES
RT CEPHEUS CONSTELLATION

CEPHEUS CONSTELLATION

GS CONSTELLATIONS
CEPHEUS CONSTELLATION
RT CEPHEID VARIABLES

CEPSTRA

GS SPECTRA
POWER SPECTRA

CEPSTRA-(CONT.)

RT QUEFRENCIES

CEPSTRAL ANALYSIS

GS DATA PROCESSING
SIGNAL ANALYSIS
CEPSTRAL ANALYSIS
VOICE DATA PROCESSING
CEPSTRAL ANALYSIS
SPECTRUM ANALYSIS
CEPSTRAL ANALYSIS
RT ACOUSTIC MEASUREMENT
AUDIO FREQUENCIES
ECHOES
MULTIPATH TRANSMISSION
POWER SPECTRA
SIGNAL REFLECTION
SIGNATURE ANALYSIS
SPECTRAL SIGNATURES
SPEECH RECOGNITION
TIME LAG
VIBRATION MEASUREMENT

CERENKOV COUNTERS

GS MEASURING INSTRUMENTS
COUNTERS
RADIATION COUNTERS
CERENKOV COUNTERS
RADIATION MEASURING INSTRUMENTS
RADIATION COUNTERS
CERENKOV COUNTERS
RT SCINTILLATION COUNTERS

CERENKOV EFFECT

USE CERENKOV RADIATION

CERENKOV RADIATION

UF CERENKOV EFFECT
GS ELECTROMAGNETIC RADIATION
CERENKOV RADIATION
RT BREMSSTRAHLUNG
CORPUSCULAR RADIATION
COSMIC RAYS
EFFECTS
GAMMA RAY BURSTS
GAMMA RAYS
LIGHT (VISIBLE RADIATION)
NUCLEAR RADIATION
RADIATION
ULTRAVIOLET RADIATION

CERES ASTEROID

GS CELESTIAL BODIES
ASTEROID BELTS
ASTEROIDS
CERES ASTEROID

CHANNEL MULTIPLIERS

UF CHANNELTRONS
GS MULTIPLIERS
CHANNEL MULTIPLIERS
RT AURORAL SPECTROSCOPY
ELECTRON AVALANCHE
MICROCHANNEL PLATES
PHOTOMULTIPLIER TUBES
RADIATION COUNTERS

CHANNELTRONS

USE CHANNEL MULTIPLIERS

CHAPMAN-FERRARO PROBLEM

RT ATMOSPHERIC MODELS
EARTH MAGNETOSPHERE
INTERPLANETARY MAGNETIC FIELDS
MAGNETOPAUSE
PROBLEMS
SOLAR WIND

CHARGED PARTICLES

SN (FOR IONIC PARTICLES SEE IONS)
GS PARTICLES
CHARGED PARTICLES
ANTIPROTONS
ENERGETIC PARTICLES
ELECTRONS
CONDUCTION ELECTRONS
HIGH ENERGY ELECTRONS
HOT ELECTRONS
N ELECTRONS
NEGATONS
PI-ELECTRONS
NUCLEI (NUCLEAR PHYSICS)
EVEN-EVEN NUCLEI

CHARGED PARTICLES-(CONT.)

HEAVY NUCLEI
HYPERNUCLEI
ODD-EVEN NUCLEI
ODD-ODD NUCLEI
PLASMAS (PHYSICS)
ARGON PLASMA
BETA PARTICLES
BOUNDARY LAYER PLASMAS
COLD PLASMAS
COLLISIONAL PLASMAS
STRONGLY COUPLED PLASMAS
COLLISIONLESS PLASMAS
COSMIC PLASMA
CYLINDRICAL PLASMAS
DENSE PLASMAS
PLASMA FOCUS
STRONGLY COUPLED PLASMAS
ELECTRON PLASMA
ELLIPTICAL PLASMAS
HELIUM PLASMA
HIGH TEMPERATURE PLASMAS
HYDROGEN PLASMA
DEUTERIUM PLASMA
LASER PLASMAS
METALLIC PLASMAS
CESIUM PLASMA
MICROPLASMAS
NITROGEN PLASMA
NONEQUILIBRIUM PLASMAS
NONUNIFORM PLASMAS
OXYGEN PLASMA
RAREFIED PLASMAS
RELATIVISTIC PLASMAS
ROTATING PLASMAS
SEMICONDUCTOR PLASMAS
SPACE PLASMAS
SOLAR WIND
STELLAR WINDS
SPHERICAL PLASMAS
THERMAL PLASMAS
TOROIDAL PLASMAS
IONIZED GASES
LORENTZ GAS
MAGNETICALLY TRAPPED PARTICLES
RADIATION BELTS
ARTIFICIAL RADIATION BELTS
INNER RADIATION BELT
OUTER RADIATION BELT
PROTON BELTS
PARTONS
PLASMA CLOUDS
MAGNETIC CLOUDS
PLASMA JETS
RADIO JETS (ASTRONOMY)
PLASMA LAYERS
PLASMA SHEATHS
PLASMA SLABS
POSITRONS
PROTONS
RECOIL PROTONS
SOLAR PROTONS
RT ANTINEUTRINOS
ANTIPARTICLES
BOSONS
CHARGE TRANSFER
CORPUSCULAR RADIATION
COULOMB COLLISIONS
COULOMB POTENTIAL
CYCLOTRON FREQUENCY
CYCLOTRON RADIATION
CYCLOTRON RESONANCE
DEUTERON IRRADIATION
ELEMENTARY PARTICLES
ETA-MESONS
GYROFREQUENCY
HELIOS PROJECT
HYPERONS
ION CHARGE
KAONS
LEPTONS
LORENTZ FORCE
MESON-NUCLEON INTERACTIONS
MESONS
MUON SPIN ROTATION
MUONS
NEUTRAL SHEETS
NEUTRONS
NONADIABATIC THEORY
NUCLEI
NUCLEON-NUCLEON INTERACTIONS
NUCLEONS
OMEGA-MESONS
PARTICLE CHARGING
PARTICLE PRECIPITATION
PARTICLE TRAJECTORIES

CHARON

CHARGED PARTICLES-(CONT.)

PIONS
REISSNER-NORDSTROM SOLUTION
RHO-MESONS
SIGMA-MESONS
SINGLE EVENT UPSETS
TRAPPED PARTICLES

CHARON

GS CELESTIAL BODIES
NATURAL SATELLITES
CHARON
RT CALLISTO
DEIMOS
EARTH-MOON SYSTEM
EUROPA
GALILEAN SATELLITES
GANYMEDE
IAPETUS
IO
PLANETARY ORBITS
PLUTO (PLANET)
SOLAR SYSTEM
TITAN

CHEMICAL COMPOSITION

GS COMPOSITION (PROPERTY)
CHEMICAL COMPOSITION
CARBON DIOXIDE CONCENTRATION
STELLAR COMPOSITION
RT ALKALINITY
ATMOSPHERIC COMPOSITION
ATOM CONCENTRATION
BODY COMPOSITION (BIOLOGY)
DISTRIBUTION (PROPERTY)
GAS COMPOSITION
IONOSPHERIC COMPOSITION
LIGANDS
METALLIC STARS
METALLICITY
PLANETARY STRUCTURE
SPECTRAL SIGNATURES

CHEMICAL EVOLUTION

GS EVOLUTION (DEVELOPMENT)
CHEMICAL EVOLUTION
RT ABIOGENESIS
BIOLOGICAL EVOLUTION
EVOLUTION
EXOBIOLGY
LIFE SCIENCES
ORGANIC COMPOUNDS
PROTEIN SYNTHESIS

CHEMOSPHERE

GS EARTH ATMOSPHERE
CHEMOSPHERE
RT BIOSPHERE
EARTH IONOSPHERE
HETEROSPHERE
HOMOSPHERE
LOWER ATMOSPHERE
MESOSPHERE
MIDDLE ATMOSPHERE
OZONOSPHERE
PLASMASPHERE
STRATOSPHERE
THERMOSPHERE
TROPOSPHERE
UPPER ATMOSPHERE

CHINESE SPACE PROGRAM

GS PROGRAMS
SPACE PROGRAMS
CHINESE SPACE PROGRAM
RT CHINA
RESEARCH PROJECTS
SPACE MISSIONS
TAIWAN

CHIRON

UF MINOR PLANET 2060
GS CELESTIAL BODIES
ASTEROID BELTS
ASTEROIDS
CHIRON
RT APOLLO ASTEROIDS
METEORIODS
PLANETS
SOLAR SYSTEM
SPACE DEBRIS

CHONDRITES

GS CELESTIAL BODIES
METEORITES

CHONDRITES-(CONT.)

STONY METEORITES
CHONDRITES
BRUDERHEIM METEORITE
CARBONACEOUS CHONDRITES
ALLENDE METEORITE
MURCHISON METEORITE
CARBONACEOUS METEORITES
ALAIS METEORITE
COLD BOKKEVELD METEORITE
IVUNA METEORITE
MURRAY METEORITE
ORGUEIL METEORITE
TONK METEORITE
HVITIS CHONDRITE
PANTAR CHONDRITES
PIBRAM METEORITE
RT ACHONDRITES
CHONDRULE
TEKTITES

CHONDRULE

RT CHONDRITES
ENSTATITE
METEORITES
METEORITIC MICROSTRUCTURES
MINERALOGY

CHROMOSPHERE

GS ENVIRONMENTS
EXTRATERRESTRIAL ENVIRONMENTS
STELLAR ATMOSPHERES
CHROMOSPHERE
RT CORONAL LOOPS
FACULAE
PHOTOSPHERE
SOLAR ATMOSPHERE
SOLAR CORONA
SOLAR PROMINENCES
SPICULES
STELLAR STRUCTURE
STELLAR WINDS

CINDER CONES

USE CONES (VOLCANOES)

CIRCULAR ORBITS

GS ORBITS
CIRCULAR ORBITS
STATIONARY ORBITS
RT EARTH ORBITS
ECCENTRIC ORBITS
ELLIPTICAL ORBITS
EQUATORIAL ORBITS
GEOSYNCHRONOUS ORBITS
LUNAR ORBITS
ORBITAL MECHANICS
PLANETARY ORBITS
POLAR ORBITS
QUADRATURES
SATELLITE ORBITS
SOLAR ORBITS
SPACECRAFT ORBITS
TWENTY-FOUR HOUR ORBITS

CIRCUMLUNAR TRAJECTORIES

GS TRAJECTORIES
ROUND TRIP TRAJECTORIES
CIRCUMLUNAR TRAJECTORIES
SPACECRAFT TRAJECTORIES
LUNAR TRAJECTORIES
CIRCUMLUNAR TRAJECTORIES
RT EARTH ORBITS
EARTH-MOON TRAJECTORIES
LUNAR FLIGHT
LUNAR ORBITS
MOON-EARTH TRAJECTORIES
REENTRY TRAJECTORIES
RENDEZVOUS TRAJECTORIES
TRANSFER ORBITS

CIRCUMSOLAR RADIATION

GS EXTRATERRESTRIAL RADIATION
SOLAR RADIATION
CIRCUMSOLAR RADIATION
RT ATMOSPHERIC SCATTERING
LIGHT SCATTERING
RADIATION
SCATTERING
SUNLIGHT

CIRCUMSOLAR TELESCOPES

GS TELESCOPES
CIRCUMSOLAR TELESCOPES
RT LENSES

CIRCUMSOLAR TELESCOPES-(CONT.)

MEASURING INSTRUMENTS
MIRRORS
OPTICAL EQUIPMENT
RADIATION PYROMETERS
SOLAR ENERGY
SOLAR RADIATION

CIRCUMSTELLAR MATTER

USE STELLAR ENVELOPES

CISLUNAR SPACE

GS ENVIRONMENTS
AEROSPACE ENVIRONMENTS
CISLUNAR SPACE
EXTRATERRESTRIAL ENVIRONMENTS
CISLUNAR SPACE
RT DEEP SPACE
EARTH-MOON TRAJECTORIES
INTERPLANETARY SPACE
LUNAR FLIGHT
LUNAR ORBITS
SPACE

CLLOUDS

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED-CONSULT THE TERMS
LISTED BELOW)
RT CLOUDS (METEOROLOGY)
DUST
ELECTRON CLOUDS
EXHAUST CLOUDS
H I REGIONS
H II REGIONS
HYDROGEN CLOUDS
MAGELLANIC CLOUDS
MAGNETIC CLOUDS
METEOROID DUST CLOUDS
MOLECULAR CLOUDS
OORT CLOUD
OPHIUCHI CLOUDS
PARTICLES
PLASMA CLOUDS
VENUS CLOUDS

CLUMPS

RT AGGLOMERATION
CLUSTERS
PATTERN RECOGNITION
REGRESSION ANALYSIS

CLUSTERS

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED-CONSULT THE TERMS
LISTED BELOW)
RT CLUMPS
GALACTIC CLUSTERS
GLOBULAR CLUSTERS
PLEIADES CLUSTER
PRAESEPE STAR CLUSTERS
STAR CLUSTERS
VIRGO GALACTIC CLUSTER

CN EMISSION

UF CYANIDE EMISSION
GS ELECTROMAGNETIC RADIATION
RADIO WAVES
RADIO EMISSION
CN EMISSION
EMISSION
RADIO EMISSION
CN EMISSION
RT HYDROCYANIC ACID
MILLIMETER WAVES
RADIO SOURCES (ASTRONOMY)

COBE

USE COSMIC BACKGROUND EXPLORER
SATELLITE

COESITE

GS CHALCOGENIDES
OXIDES
DIOXIDES
SILICON DIOXIDE
QUARTZ
COESITE
SILICON OXIDES
SILICON DIOXIDE
QUARTZ
COESITE
MINERALS
QUARTZ
COESITE
SILICON COMPOUNDS

COESITE-(CONT.)

.. SILICON OXIDES
.. SILICON DIOXIDE
.. QUARTZ
... **COESITE**
RT EARTH CRUST
EARTH MANTLE
METEORITES
RUTILE
STISHOVITE
STONY METEORITES
TEKTITES

COHERENT ANTI-STOKES RAMAN SPECTROSCOPY
USE RAMAN SPECTROSCOPY

COHERENT ELECTROMAGNETIC RADIATION

GS COHERENT RADIATION
.. **COHERENT ELECTROMAGNETIC RADIATION**
.. COHERENT LIGHT
ELECTROMAGNETIC RADIATION
.. **COHERENT ELECTROMAGNETIC RADIATION**
.. COHERENT LIGHT
BEAMS (RADIATION)
HOLOGRAPHY
INFRARED RADIATION
INTERSTELLAR MASERS
IONIZING RADIATION
KRYPTON FLUORIDE LASERS
LASERS
LIGHT (VISIBLE RADIATION)
MASERS
MODULATED CONTINUOUS RADIATION
MONOCHROMATIC RADIATION
∞ RADIATION
RADIO WAVES
SQUEEZED STATES (QUANTUM THEORY)
STIMULATED EMISSION
STIMULATED EMISSION DEVICES
TRAVELING WAVE MASERS
ULTRAVIOLET RADIATION

COHERENT LIGHT

GS COHERENT RADIATION
.. COHERENT ELECTROMAGNETIC RADIATION
.. **COHERENT LIGHT**
ELECTROMAGNETIC RADIATION
.. COHERENT ELECTROMAGNETIC RADIATION
.. **COHERENT LIGHT**
.. LIGHT (VISIBLE RADIATION)
.. **COHERENT LIGHT**
RT GAMMA RAY LASERS
HCN LASERS
HOLOGRAPHIC INTERFEROMETRY
HOLOGRAPHY
LASER OUTPUTS
LASERS
MONOCHROMATIC RADIATION
NEODYMIUM LASERS
OPTICAL COMPUTERS
OPTICAL MEMORY (DATA STORAGE)
PHASE COHERENCE
PLASMA DYNAMIC LASERS
RARE GAS-HALIDE LASERS
SCATTER PLATES (OPTICS)
SHIVA LASER SYSTEM
SPECKLE HOLOGRAPHY
SQUEEZED STATES (QUANTUM THEORY)
STIMULATED EMISSION
TWO-WAVELENGTH LASERS
ULTRAVIOLET LASERS

COHERENT RADIATION

UF COHERENT SOURCES
COHERENT TRANSMISSION
GS **COHERENT RADIATION**
.. COHERENT ACOUSTIC RADIATION
.. COHERENT ELECTROMAGNETIC RADIATION
.. COHERENT LIGHT
BEAMS (RADIATION)
∞ COHERENCE
COHERENCE COEFFICIENT
CONTINUOUS RADIATION
CORPUSCULAR RADIATION
ELASTIC WAVES
ELECTROMAGNETIC RADIATION
LIGHT (VISIBLE RADIATION)
OPTICAL PROPERTIES
∞ RADIATION

COHERENT RADIATION-(CONT.)

∞ RAYS
WAVE PROPAGATION

COHERENT SOURCES

USE COHERENT RADIATION
RADIATION SOURCES

COHERENT TRANSMISSION

USE COHERENT RADIATION

COLD BOKKEVELD METEORITE

GS CELESTIAL BODIES
.. METEORITES
.. STONY METEORITES
.. CHONDRITES
.. CARBONACEOUS METEORITES
.. **COLD BOKKEVELD METEORITE**

COLLECTORS

USE ACCUMULATORS

COLLISION PARAMETERS

GS RATES (PER TIME)
.. **COLLISION PARAMETERS**
.. COLLISION RATES
RT ∞ ABSORPTION
BEAM INTERACTIONS
∞ CROSS SECTIONS
MEAN FREE PATH
NUCLEAR INTERACTIONS
PARTICLE INTERACTIONS
PARTICLE THEORY
SCATTERING

COLLISIONS

GS **COLLISIONS**
.. ATOMIC COLLISIONS
.. COULOMB COLLISIONS
.. INELASTIC COLLISIONS
.. IONIC COLLISIONS
.. METEORITE COLLISIONS
.. MIDAIR COLLISIONS
.. BIRD-AIRCRAFT COLLISIONS
.. MOLECULAR COLLISIONS
.. PARTICLE COLLISIONS
RT AIR BAG RESTRAINT DEVICES
AIR TRAFFIC CONTROL
AIRCRAFT ACCIDENTS
AIRCRAFT HAZARDS
AIRCRAFT SAFETY
COLLISION AVOIDANCE
CRASHES
FLIGHT HAZARDS
FLIGHT PATHS
GAS ATOMIZATION
PILOT ERROR
RECOILINGS
SCATTERING

COLOR-COLOR DIAGRAM

GS DIAGRAMS
.. **COLOR-COLOR DIAGRAM**
RT COLOR-MAGNITUDE DIAGRAM
HERTZSPRUNG-RUSSELL DIAGRAM
STELLAR COLOR
STELLAR SPECTRA
STELLAR SPECTROPHOTOMETRY
UBV SPECTRA

COLOR-MAGNITUDE DIAGRAM

UF C-M DIAGRAM
GS DIAGRAMS
.. **COLOR-MAGNITUDE DIAGRAM**
RT ASYMPTOTIC GIANT BRANCH STARS
COLOR-COLOR DIAGRAM
GLOBULAR CLUSTERS
HERTZSPRUNG-RUSSELL DIAGRAM
HORIZONTAL BRANCH STARS
MAIN SEQUENCE STARS
STAR CLUSTERS
STELLAR COLOR
STELLAR EVOLUTION
STELLAR MAGNITUDE

∞ **COMA**

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED-CONSULT THE TERMS
LISTED BELOW)
RT ABERRATION
BLACKOUT (PHYSIOLOGY)
BLACKOUT PREVENTION
COMET HEADS
COMET NUCLEI

COMA-(CONT.)

COMET TAILS
COMETARY ATMOSPHERES
COMETS
GRIGG-SKJELLERUP COMET
KOHOUTEK COMET
SCREEN EFFECT
TEMPEL 2 COMET
UNCONSCIOUSNESS

COMET HEADS

GS CELESTIAL BODIES
.. COMETS
.. **COMET HEADS**
RT ∞ **COMA**
COMETARY ATMOSPHERES
SOLAR SYSTEM

COMET NUCLEI

GS CELESTIAL BODIES
.. COMETS
.. **COMET NUCLEI**
RT ∞ **COMA**
COMETARY ATMOSPHERES
OORT CLOUD
SOLAR SYSTEM

COMET TAILS

GS CELESTIAL BODIES
.. COMETS
.. **COMET TAILS**
RT ∞ **COMA**
COMETARY ATMOSPHERES
GRIGG-SKJELLERUP COMET
RADIATION PRESSURE
SOLAR SYSTEM
SOLAR WIND

COMETARY ATMOSPHERES

RT ASTRONOMICAL PHOTOMETRY
∞ **COMA**
COMET HEADS
COMET NUCLEI
COMET TAILS
COMETS
IONOPAUSE

COMETS

GS CELESTIAL BODIES
.. **COMETS**
.. AREND-ROLAND COMET
.. COMET HEADS
.. COMET NUCLEI
.. COMET TAILS
.. ENCKE COMET
.. GIACOBINI-ZINNER COMET
.. GRIGG-SKJELLERUP COMET
.. HALLEY'S COMET
.. HUMASON COMET
.. IRAS-ARAKI-ALCOCK COMET
.. KOHOUTEK COMET
.. MOREHOUSE COMET
.. MRKOS COMET
.. SCHWASSMANN-WACHMANN COMET
.. TEMPEL 2 COMET
.. WEST COMET
RT BESSEL-BREDICHIN THEORY
∞ **COMA**
COMETARY ATMOSPHERES
METEOROID SHOWERS
METEORIODS
OORT CLOUD
SOLAR SYSTEM

COMMITTEE ON SPACE RESEARCH

UF COSPAR (COMMITTEE)
RT ∞ AEROSPACE SCIENCES
CONFERENCES
EUROPEAN SPACE PROGRAMS
INTERNATIONAL COOPERATION
NASA PROGRAMS
PROGRAMS

COMPANION STARS

GS CELESTIAL BODIES
.. STARS
.. DOUBLE STARS
.. BINARY STARS
.. **COMPANION STARS**
.. NEMESIS (STAR)
RT PARALLAX
STELLAR MOTIONS
VARIABLE STARS
VISUAL OBSERVATION
X RAY BINARIES

COMPUTATIONAL ASTROPHYSICS

COMPUTATIONAL ASTROPHYSICS

GS ASTROPHYSICS
 . COMPUTATIONAL ASTROPHYSICS
 RT COMPUTATION
 COMPUTERIZED SIMULATION
 MATHEMATICAL MODELS
 ∞ SCIENCE

CONES (VOLCANOES)

UF CINDER CONES
 GS GEOLOGY
 . CONES (VOLCANOES)
 LANDFORMS
 . CONES (VOLCANOES)
 RT BASALT
 CALDERAS
 CRATERS
 EFFUSIVES
 GEOMORPHOLOGY
 LAVA
 MARS VOLCANOES
 MOUNTAINS
 OROGRAPHY
 PALEOMAGNETISM
 PETROLOGY
 ROUSE BELTS
 VOLCANOES
 VOLCANOLOGY

CONSTELLATIONS

GS CONSTELLATIONS
 . ANDROMEDA CONSTELLATION
 . ARIES CONSTELLATION
 . AURIGA CONSTELLATION
 . CASSIOPEIA CONSTELLATION
 . CENTAURUS CONSTELLATION
 . CEPHEUS CONSTELLATION
 . CORONA BOREALIS CONSTELLATION
 . CYGNUS CONSTELLATION
 . LYRA CONSTELLATION
 . ORION CONSTELLATION
 . SAGITTARIUS CONSTELLATION
 . SCORPIUS CONSTELLATION
 . SCUTUM CONSTELLATION
 . TAURUS CONSTELLATION
 RT CELESTIAL SPHERE
 PLANISPHERES
 STARS
 ZODIAC

CONSTRUCTION IN SPACE

USE ORBITAL ASSEMBLY

CONTINUOUS SPECTRA

GS SPECTRA
 . CONTINUOUS SPECTRA
 RT ASTRONOMICAL SPECTROSCOPY
 SOLAR SPECTRA
 SPECTRAL EMISSION
 STELLAR SPECTRA

CONVECTION

GS CONVECTION
 . FORCED CONVECTION
 . FREE CONVECTION
 . RAYLEIGH-BENARD CONVECTION
 . BENARD CELLS
 . MARANGONI CONVECTION
 RT ADVECTION
 BASE HEATING
 BOUSSINESQ APPROXIMATION
 ∞ CONDUCTION
 FLUID DYNAMICS
 GRASHOF NUMBER
 HEAT TRANSMISSION
 HEATING
 METEOROLOGY
 MIXING HEIGHT
 STELLAR INTERIORS

CONVECTION CURRENTS

RT AIR CURRENTS
 BENARD CELLS
 ELECTRON BUNCHING
 FLUID FLOW
 FREE CONVECTION
 MIXING HEIGHT
 RAYLEIGH-BENARD CONVECTION
 SOLAR GRANULATION
 VERTICAL AIR CURRENTS

COOL STARS

GS CELESTIAL BODIES
 . STARS
 . LATE STARS

COOL STARS-(CONT.)

... COOL STARS
 ... CARBON STARS
 ... FLARE STARS
 ... K STARS
 ... M STARS
 ... VAN BIESBROECK STAR
 ... MIRA VARIABLES
 ... OMICRON CETI STAR
 ... S STARS
 RT GIANT STARS
 R CORONAE BOREALIS STARS
 STELLAR ATMOSPHERES
 STELLAR ENVELOPES
 STELLAR SPECTRA
 STELLAR TEMPERATURE

COOLING FLOWS (ASTROPHYSICS)

GS FLUID FLOW
 . GAS FLOW
 . COOLING FLOWS (ASTROPHYSICS)
 RT ACCRETION DISKS
 COOLING
 COSMIC GASES
 DARK MATTER
 GALACTIC CLUSTERS
 GALACTIC EVOLUTION
 INTERGALACTIC MEDIA
 INTERSTELLAR GAS
 STAR FORMATION
 X RAY SOURCES

COPERNICUS SPACECRAFT

USE OAO 3

CORIOLIS EFFECT

RT DISORIENTATION
 ∞ EFFECTS
 METEOROLOGY
 PLANETARY WAVES
 ROTATING ENVIRONMENTS
 ROTATION
 VESTIBULAR TESTS

CORONA BOREALIS CONSTELLATION

GS CONSTELLATIONS
 . CORONA BOREALIS CONSTELLATION
 RT CELESTIAL BODIES
 CELESTIAL SPHERE
 STARS

CORONAGRAPHS

RT ASTRONOMICAL PHOTOGRAPHY
 SOLAR OBSERVATORIES
 SPECTROHELIOGRAPHS
 STARSAT TELESCOPE
 TELESCOPES

CORONAL HOLES

GS CORONAS
 . STELLAR CORONAS
 . SOLAR CORONA
 . CORONAL HOLES
 RT DECA-METRIC WAVES
 ∞ HOLES
 RADIO ASTRONOMY
 SOLAR RADIO EMISSION
 SOLAR WIND
 SOLAR X-RAYS
 STELLAR STRUCTURE
 ULTRAVIOLET RADIATION

CORONAL LOOPS

GS CORONAS
 . STELLAR CORONAS
 . SOLAR CORONA
 . CORONAL LOOPS
 RT CHROMOSPHERE
 SOLAR FLARES
 SOLAR LIMB

CORONAS

GS CORONAS
 . ELECTRIC CORONA
 . STELLAR CORONAS
 . SOLAR CORONA
 . CORONAL HOLES
 . CORONAL LOOPS
 RT ELECTRIC ARCS
 ELECTRIC DISCHARGES
 HALOS
 IONIZATION
 SOLAR SPECTRA

COROTATION

GS GYRATION
 . ROTATION
 . COROTATION
 RT ASTRONOMICAL MODELS
 EARTH MAGNETOSPHERE
 GALACTIC ROTATION
 GALACTIC STRUCTURE
 SPIRAL GALAXIES
 STELLAR MOTIONS
 STELLAR ROTATION

CORPUSCULAR RADIATION

SN (LIMITED TO NONELECTROMAGNETIC
 RADIATION CONSISTING OF ENERGETIC
 CHARGED OR NEUTRAL PARTICLES)
 UF PENETRATING PARTICLES
 GS PARTICLES
 . CORPUSCULAR RADIATION
 . ELECTRON PRECIPITATION
 . ELECTRON RADIATION
 . BETA PARTICLES
 . ELECTRON BEAMS
 . RELATIVISTIC ELECTRON BEAMS
 . PRIMARY COSMIC RAYS
 . SOLAR COSMIC RAYS
 . RADIATION BELTS
 . SOLAR CORPUSCULAR RADIATION
 . SOLAR ELECTRONS
 . SOLAR NEUTRONS
 . SOLAR PROTONS
 RT ALPHA PARTICLES
 ATMOSPHERIC RADIATION
 BACKGROUND RADIATION
 BEAMS (RADIATION)
 CERENKOV RADIATION
 CHARGED PARTICLES
 COHERENT RADIATION
 CONTINUOUS RADIATION
 COSMIC RAYS
 ELECTROMAGNETIC RADIATION
 EXTRATERRESTRIAL RADIATION
 FLUX (RATE)
 GALACTIC RADIATION
 INCIDENT RADIATION
 INTERSTELLAR RADIATION
 IONIZING RADIATION
 IONS
 MESONS
 NEUTRONS
 NUCLEAR PARTICLES
 NUCLEAR RADIATION
 NUCLEI (NUCLEAR PHYSICS)
 PARTICLE PRODUCTION
 PHONON BEAMS
 PULSED RADIATION
 ∞ RADIATION
 RADIATION DISTRIBUTION
 RADIATION PRESSURE
 RADIATION SOURCES
 ∞ RAYS
 REFLECTED WAVES
 REFRACTED WAVES
 SOLAR RADIATION
 SOLAR TERRESTRIAL INTERACTIONS
 STRATOSPHERE RADIATION

COSMIC BACKGROUND EXPLORER SATELLITE

UF COBE
 GS ARTIFICIAL SATELLITES
 . SCIENTIFIC SATELLITES
 . EXPLORER SATELLITES
 . COSMIC BACKGROUND EXPLORER
 SATELLITE
 RT BACKGROUND RADIATION
 RADIATION SPECTRA
 SPACEBORNE ASTRONOMY

COSMIC DUST

GS PARTICLES
 . DUST
 . COSMIC DUST
 . INTERPLANETARY DUST
 . METEOROID DUST CLOUDS
 . ZODIACAL DUST
 RT INTERGALACTIC MEDIA
 INTERSTELLAR MATTER
 METEORIODS
 MICROMETEORITES
 MICROMETEORIODS
 MOLECULAR CLOUDS
 ORGANIC SOLIDS
 REFLECTION NEBULAE
 SPACE DEBRIS
 TERRESTRIAL DUST BELT

CYRILLID METEORIODS

COSMIC DUST-(CONT.)

VENUS FLY TRAP ROCKET VEHICLE

COSMIC GAMMA RAY BURSTS

USE GAMMA RAY BURSTS

COSMIC GASES

GS EXTRATERRESTRIAL MATTER
 . COSMIC GASES
 . . INTERPLANETARY GAS
 . . INTERSTELLAR GAS
 . . . NEUTRAL GASES
 GASES
 . RAREFIED GASES
 . . COSMIC GASES
 . . . INTERPLANETARY GAS
 . . . INTERSTELLAR GAS
 NEUTRAL GASES
 RT COOLING FLOWS (ASTROPHYSICS)
 DEGENERATE MATTER
 ELECTRON GAS
 INTERGALACTIC MEDIA
 IONIZED GASES

COSMIC NOISE

GS ELECTROMAGNETIC INTERFERENCE
 . RADIO FREQUENCY INTERFERENCE
 . . ELECTROMAGNETIC NOISE
 . . . COSMIC NOISE
 RT ALOUETTE PROJECT
 BACKGROUND NOISE
 BACKGROUND RADIATION
 CENTIMETER WAVES
 ELECTROMAGNETIC NOISE
 MEASUREMENT
 GALACTIC RADIATION
 GALACTIC RADIO WAVES
 INTERSTELLAR RADIATION
 MICROWAVE EMISSION
 MICROWAVES
 NOISE STORMS
 SOLAR RADIATION
 SOLAR RADIO EMISSION

COSMIC PLASMA

GS EXTRATERRESTRIAL MATTER
 . COSMIC PLASMA
 PARTICLES
 . CHARGED PARTICLES
 . . ENERGETIC PARTICLES
 . . . PLASMAS (PHYSICS)
 COSMIC PLASMA
 RT INTERGALACTIC MEDIA
 INTERPLANETARY GAS
 PLASMA CLOUDS
 PLASMAPAUSE
 RELATIVISTIC PLASMAS
 SOLAR WIND
 STELLAR WINDS
 STRONGLY COUPLED PLASMAS

COSMIC RADIATION

USE COSMIC RAYS

COSMIC RADIO WAVES

USE EXTRATERRESTRIAL RADIO WAVES

COSMIC RAY ALBEDO

GS ALBEDO
 . COSMIC RAY ALBEDO
 RT ABSORPTION
 . ABSORPTION
 . . ATMOSPHERIC ATTENUATION
 . . . EARTH ALBEDO
 . . . LUNAR ALBEDO
 . . . PRIMARY COSMIC RAYS
 . . . REFLECTANCE
 . . . SECONDARY COSMIC RAYS

COSMIC RAY SHOWERS

UF MOLIERE FORMULA
 GS IONIZING RADIATION
 . COSMIC RAYS
 . . COSMIC RAY SHOWERS
 RT AUGER EFFECT
 . CASCADES
 . . ELECTRON PHOTON CASCADES
 . . . SECONDARY COSMIC RAYS
 . . . SHOWERS

COSMIC RAYS

UF COSMIC RADIATION
 GS IONIZING RADIATION
 . COSMIC RAYS

COSMIC RAYS-(CONT.)

RT COSMIC RAY SHOWERS
 . GALACTIC COSMIC RAYS
 . . GAMMA RAY BURSTS
 . . . PRIMARY COSMIC RAYS
 SOLAR COSMIC RAYS
 . . . SECONDARY COSMIC RAYS
 AEROSPACE ENVIRONMENTS
 ALBEDO
 ALPHA PARTICLES
 BIG BANG COSMOLOGY
 CERENKOV RADIATION
 CORPUSCULAR RADIATION
 DEUTERONS
 ELECTROMAGNETIC RADIATION
 ELECTRON ACCELERATION
 ELECTRONS
 EXTRATERRESTRIAL RADIATION
 FORBUSH DECREASES
 GALACTIC RADIATION
 GAMMA RAY TELESCOPES
 GAMMA RAYS
 HELIOSPHERE
 INTERSTELLAR RADIATION
 ION DENSITY (CONCENTRATION)
 MESONS
 NEUTRONS
 NUCLEAR PARTICLES
 NUCLEI (NUCLEAR PHYSICS)
 PARTICLE TRACKS
 PHOTONS
 PROTONS
 . RADIATION
 . . RADIATION BELTS
 . . . RADIATIVE TRANSFER
 . . . SINGLE EVENT UPSETS
 . . . SOLAR RADIATION
 . . . STELLAR RADIATION
 . . . VLF EMISSION RECORDERS
 . . . X RAYS

COSMIC X RAYS

GS ELECTROMAGNETIC RADIATION
 . X RAYS
 . . COSMIC X RAYS
 . . . IONIZING RADIATION
 X RAYS
 RT EXTRATERRESTRIAL RADIATION
 GALACTIC RADIATION
 GAMMA RAY ASTRONOMY
 GAMMA RAY BURSTS
 GAMMA RAYS
 X RAY ASTRONOMY
 X RAY BINARIES

COSMOCHEMISTRY

RT COSMOLOGY
 EXTRATERRESTRIAL MATTER
 GEOCHEMISTRY
 INTERSTELLAR CHEMISTRY
 METEORITIC COMPOSITION

COSMOGONY

USE COSMOLOGY

COSMOLOGY

UF COSMOGONY
 GS COSMOLOGY
 . BIG BANG COSMOLOGY
 . HUBBLE DIAGRAM
 . . MISSING MASS (ASTROPHYSICS)
 RT ASTRONOMICAL MODELS
 ASTROPHYSICS
 COSMOCHEMISTRY
 DARK MATTER
 EXISTENCE
 GALACTIC EVOLUTION
 GRAND UNIFIED THEORY
 GRAVITINOS
 HUBBLE CONSTANT
 LOCAL GROUP (ASTRONOMY)
 MASS DISTRIBUTION
 NAKED SINGULARITIES
 PLANETARY EVOLUTION
 PROTOPLANETS
 RED SHIFT
 STAR DISTRIBUTION
 STAR FORMATION
 STELLAR EVOLUTION
 STELLAR MASS ACCRETION
 STRING THEORY
 SUPERGRAVITY
 SUPERSYMMETRY
 UNIVERSE

COSMOLOGY-(CONT.)

WHITE HOLES (ASTRONOMY)

∞ COSMOS

SN (USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED-CONSULT THE TERMS
 LISTED BELOW)
 RT COSMOS SATELLITES
 UNIVERSE

COSPAR (COMMITTEE)

USE COMMITTEE ON SPACE RESEARCH

CRAB NEBULA

GS CELESTIAL BODIES
 . NEBULAE
 . . CRAB NEBULA
 RT ORION NEBULA
 SUPERNOVAE
 TAURUS CONSTELLATION

CRATERING

GS CRATERING
 . PROJECTILE CRATERING
 RT CRATERS
 EJECTA
 IMPACT DAMAGE
 MARS CRATERS
 METEORITE CRATERS
 METEORITIC DAMAGE
 NUCLEAR EXPLOSIONS

CRATERS

UF MAARS
 METEOR CRATERS
 GS CRATERS
 . LUNAR CRATERS
 . . PTOLEMAEUS CRATER
 . . . TYCHO CRATER
 . . . METEORITE CRATERS
 . . . PLANETARY CRATERS
 . . . MARS CRATERS
 RT CALDERAS
 CONES (VOLCANOES)
 CRATERING
 EJECTA
 IMPACT DAMAGE
 SATELLITE SURFACES

CRITICAL FREQUENCIES

GS FREQUENCIES
 . CRITICAL FREQUENCIES
 RT LIGHT (VISIBLE RADIATION)
 RESONANT FREQUENCIES

CRUSTAL DYNAMICS

USE EARTH CRUST
 GEODYNAMICS

CRUSTS

GS CRUSTS
 . LUNAR CRUST
 . . PLANETARY CRUSTS
 . . . EARTH CRUST
 RT LUNAR MANTLE
 PLANETARY MANTLES

CURVILINEAR COORDINATES

USE SPHERICAL COORDINATES

CYANIDE EMISSION

USE CN EMISSION

CYCLOTRON RADIATION

GS ELECTROMAGNETIC RADIATION
 . NONTHERMAL RADIATION
 . . CYCLOTRON RADIATION
 . . . ION CYCLOTRON RADIATION
 RT CHARGED PARTICLES
 LARMOR PRECESSION
 LARMOR RADIUS
 . RADIATION

CYGNUS CONSTELLATION

GS CONSTELLATIONS
 . CYGNUS CONSTELLATION
 RT CELESTIAL BODIES
 CELESTIAL SPHERE
 STARS

CYRILLID METEORIODS

GS CELESTIAL BODIES
 . METEOROID SHOWERS
 . . CYRILLID METEORIODS

D LAYER

CYRILLID METEOROIDS-(CONT.)
 . METEOROIDS
 . . . BOLIDES
 . . . CYRILLID METEOROIDS
 RT . NATURAL SATELLITES
 . . . TEKTITES

D

D LAYER
 USE D REGION

D LINES
 GS SPECTRA
 . RADIATION SPECTRA
 . . . ELECTROMAGNETIC SPECTRA
 . . . LINE SPECTRA
 . . . D LINES
 RT ABSORPTION SPECTRA
 . EMISSION SPECTRA
 . H LINES
 . SOLAR SPECTRA

D REGION
 SN (ALTITUDE RANGE BETWEEN
 APPROXIMATELY 50 AND 90 KM)
 UF D LAYER
 GS EARTH ATMOSPHERE
 . UPPER ATMOSPHERE
 . . EARTH IONOSPHERE
 . . . LOWER IONOSPHERE
 . . . D REGION
 REGIONS
 . D REGION

DARK MATTER
 GS EXTRATERRESTRIAL MATTER
 . INTERSTELLAR MATTER
 . . DARK MATTER
 MATTER (PHYSICS)
 . DARK MATTER
 RT BARYONS
 . COOLING FLOWS (ASTROPHYSICS)
 . COSMOLOGY
 . GALACTIC EVOLUTION
 . INTERGALACTIC MEDIA
 . MISSING MASS (ASTROPHYSICS)
 . NEUTRINOS
 . UNIVERSE

DAYGLOW
 GS ATMOSPHERIC RADIATION
 . SKY RADIATION
 . . DAYGLOW
 . ELECTROMAGNETIC RADIATION
 . . LIGHT (VISIBLE RADIATION)
 . . SKY RADIATION
 . . . DAYGLOW
 RT GLARE
 . LIGHT SOURCES
 . SKY
 . SOLAR RADIATION
 . TWILIGHT GLOW
 . ULTRAVIOLET RADIATION

DEBRIS
 GS DEBRIS
 . SPACE DEBRIS
 RT EJECTA
 . ENVIRONMENT EFFECTS
 . FRAGMENTS
 . GLACIAL DRIFT
 . POLLUTION
 . . RADIOACTIVE DEBRIS
 . . SCRAP
 . . WASTES

DECAMETRIC WAVES
 GS ELECTROMAGNETIC RADIATION
 . RADIO WAVES
 . . DECAMETRIC WAVES
 RT CORONAL HOLES
 . HIGH FREQUENCIES
 . VERY HIGH FREQUENCIES

DECIMETER WAVES
 GS ELECTROMAGNETIC RADIATION
 . RADIO WAVES
 . . SHORT WAVE RADIATION
 . . . MICROWAVES
 . . . DECIMETER WAVES

DECIMETER WAVES-(CONT.)
 RT MILLIMETER WAVES
 . PLANETARY RADIATION
 . SOLAR RADIO EMISSION
 . ULTRAHIGH FREQUENCIES

DEEP SPACE
 GS ENVIRONMENTS
 . AEROSPACE ENVIRONMENTS
 . . DEEP SPACE
 . . . INTERPLANETARY SPACE
 . . . INTERSTELLAR SPACE
 . . . EXTRATERRESTRIAL ENVIRONMENTS
 . . . DEEP SPACE
 . . . INTERPLANETARY SPACE
 . . . INTERSTELLAR SPACE
 RT CISELUNAR SPACE
 . FRICTIONLESS ENVIRONMENTS
 . LONG DURATION SPACE FLIGHT
 . . SPACE

DEGENERATE MATTER
 GS MATTER (PHYSICS)
 . DEGENERATE MATTER
 RT ANTIMATTER
 . ASTROPHYSICS
 . BLACK HOLES (ASTRONOMY)
 . COSMIC GASES
 . CRITICAL PRESSURE
 . DENSITY (MASS/VOLUME)
 . EXTRATERRESTRIAL MATTER
 . FERMI-DIRAC STATISTICS
 . HIGH PRESSURE
 . NAKED SINGULARITIES
 . NEUTRON STARS
 . NUCLEAR FUSION
 . . PHYSICS
 . . PULSARS
 . . ROTATING MATTER
 . . STELLAR CORES
 . . STELLAR EVOLUTION
 . . STELLAR MASS
 . . SUPERMASSIVE STARS
 . . WHITE DWARF STARS

DEIMOS
 GS CELESTIAL BODIES
 . NATURAL SATELLITES
 . . MARS SATELLITES
 . . . DEIMOS
 RT CHARON
 . MARS (PLANET)
 . PHOBOS

DENSITOMETERS
 GS MEASURING INSTRUMENTS
 . DENSITOMETERS
 . . MICRODENSITOMETERS
 RT GAMMA RAY ABSORPTIOMETRY
 . GRAVIMETERS
 . OPTICAL EQUIPMENT
 . OPTICAL MEASUREMENT
 . OPTICAL MEASURING INSTRUMENTS
 . PHOTOMETERS
 . PHOTON ABSORPTIOMETRY
 . TRANSMISSOMETERS

DENSITY (NUMBER/VOLUME)
 GS DENSITY (NUMBER/VOLUME)
 . METEOROID CONCENTRATION
 . PACKING DENSITY
 . PARTICLE DENSITY (CONCENTRATION)
 . . ELECTRON DENSITY
 . . . (CONCENTRATION)
 . . . CARRIER DENSITY (SOLID STATE)
 . . . ELECTRON DENSITY PROFILES
 . . . IONOSPHERIC ELECTRON DENSITY
 . . . MAGNETOSPHERIC ELECTRON
 . . . DENSITY
 . . . ELECTRON DISTRIBUTION
 . . . ELECTRON DENSITY PROFILES
 . . . ION DENSITY (CONCENTRATION)
 . . . IONOSPHERIC ION DENSITY
 . . . MAGNETOSPHERIC ION DENSITY
 . . . MAGNETOSPHERIC PROTON
 . . . DENSITY
 . . . PROTON DENSITY
 . . . (CONCENTRATION)
 . . . MAGNETOSPHERIC PROTON
 . . . DENSITY
 . . . PLASMA DENSITY
 . . . SPACE DENSITY
 RT ATMOSPHERIC DENSITY
 . . DENSITY

DENSITY (RATE/AREA)
 USE FLUX DENSITY

DENSITY WAVE MODEL
 GS MODELS
 . ASTRONOMICAL MODELS
 . . DENSITY WAVE MODEL
 RT GALACTIC STRUCTURE
 . MASS DISTRIBUTION
 . SPIRAL GALAXIES
 . WAVE EQUATIONS

DESCENT TRAJECTORIES
 GS TRAJECTORIES
 . DESCENT TRAJECTORIES
 . . REENTRY TRAJECTORIES
 RT ASCENT TRAJECTORIES
 . ATMOSPHERIC ENTRY
 . BALLISTIC TRAJECTORIES
 . COASTING FLIGHT
 . FALLING
 . FLIGHT MECHANICS
 . MANNED REENTRY
 . MIDCOURSE TRAJECTORIES
 . MISSILE TRAJECTORIES
 . PARABOLIC FLIGHT
 . REENTRY
 . REENTRY GUIDANCE
 . SPACECRAFT TRAJECTORIES
 . TERMINAL GUIDANCE

DEUTERONS
 GS IONS
 . DEUTERONS
 . PARTICLES
 . . ELEMENTARY PARTICLES
 . . DEUTERONS
 RT ALPHA PARTICLES
 . COSMIC RAYS
 . DEUTERIUM PLASMA
 . PHOTOMAGNETIC EFFECTS
 . PLASMAS (PHYSICS)
 . POMERANCHUK THEOREM
 . PROTONS

DIAL SATELLITE
 GS ARTIFICIAL SATELLITES
 . SCIENTIFIC SATELLITES
 . . DIAL SATELLITE
 RT AERONOMY
 . ASTRONOMICAL PHOTOMETRY
 . EUROPEAN SPACE PROGRAMS
 . SATELLITE-BORNE INSTRUMENTS

DICHOTOMIES
 GS CLASSIFICATIONS
 . HIERARCHIES
 . . DICHOTOMIES

DICKE RADIOMETERS
 UF DICKE TYPE RADIOMETERS
 GS MEASURING INSTRUMENTS
 . RADIATION MEASURING INSTRUMENTS
 . . ACTINOMETERS
 . . . RADIOMETERS
 . . . DICKE RADIOMETERS
 RT BOLOMETERS
 . THERMOPILES

DICKE TYPE RADIOMETERS
 USE DICKE RADIOMETERS

DIFFRACTION TELESCOPES
 USE SPECTROSCOPIC TELESCOPES

DIFFUSE RADIATION
 UF LUNAR SCATTERING
 RT HEAT TRANSFER
 . LIGHT SCATTERING
 . POINT SOURCES
 . . RADIATION
 . . . SPECULAR REFLECTION

DIONE
 GS CELESTIAL BODIES
 . NATURAL SATELLITES
 . . ICY SATELLITES
 . . . DIONE
 . . . SATURN SATELLITES
 . . . DIONE
 RT SATURN (PLANET)

DISCOVERING
 USE EXPLORATION

EARLY APOLLO SURFACE EXPERIMENTS PACKAGE

DISK GALAXIES

GS CELESTIAL BODIES
 . GALAXIES
 . . DISK GALAXIES
 RT ANDROMEDA GALAXY
 ASTROPHYSICS
 BARRED GALAXIES
 ELLIPTICAL GALAXIES
 GALACTIC CLUSTERS
 GALACTIC EVOLUTION
 GALACTIC NUCLEI
 GALACTIC ROTATION
 GALACTIC STRUCTURE
 LOCAL GROUP (ASTRONOMY)
 RADIO GALAXIES
 SPIRAL GALAXIES
 STAR CLUSTERS
 VIRGO GALACTIC CLUSTER

DISTANCE

GS DISTANCE
 . DEBYE LENGTH
 . DIFFUSION LENGTH
 . MISS DISTANCE
 . OPTICAL SLANT RANGE
 . RADAR RANGE
 . RADIO RANGE
 . RANGE AND RANGE RATE TRACKING
 . REENTRY RANGE
 RT AIRCRAFT PERFORMANCE
 AIRCRAFT SPECIFICATIONS
 ALTITUDE
 DEPTH
 DIMENSIONS
 FOCUSING
 GEOMETRY
 HEIGHT
 LENGTH
 POSITION (LOCATION)
 PROXIMITY
 RADAR NAVIGATION
 ∞ RANGE
 RANGE (EXTREMES)
 TAKEOFF RUNS
 ∞ TRAVEL

∞ DISTURBANCES

SN (USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)
 RT BURSTS
 DISORDERS
 ELECTROMAGNETIC INTERFERENCE
 IONOSPHERIC DISTURBANCES
 IONOSPHERIC STORMS
 MAGNETIC DISTURBANCES
 PERTURBATION
 RADIO AURORAS
 RADIO BURSTS
 SOLAR ACTIVITY
 STORMS
 SUDDEN IONOSPHERIC DISTURBANCES
 VORTICES

DIURNAL VARIATIONS

GS VARIATIONS
 . PERIODIC VARIATIONS
 . . DIURNAL VARIATIONS
 RT CYCLES
 DARKNESS
 DAYTIME
 MAGNETIC VARIATIONS
 NIGHT
 NOCTURNAL VARIATIONS
 TROPOPAUSE
 WIND VARIATIONS

DOPPLER EFFECT

UF DOVAP
 STELLAR DOPPLER SHIFT
 GS DOPPLER EFFECT
 . DOPPLER-FIZEAU EFFECT
 RT ∞ EFFECTS
 ELASTIC WAVES
 ELECTROMAGNETIC RADIATION
 FIZEAU EFFECT
 FREQUENCY SHIFT
 OPTICAL HETERODYNING
 RADIAL VELOCITY
 RED SHIFT
 SATELLITE DOPPLER POSITIONING
 STELLAR MOTIONS

DOPPLER-FIZEAU EFFECT

GS DOPPLER EFFECT

DOPPLER-FIZEAU EFFECT-(CONT.)

RT ∞ EFFECTS
 FIZEAU EFFECT
 FREQUENCY SHIFT
 RADAR NAVIGATION
 RED SHIFT
 STELLAR MOTIONS
 DOUBLE STARS
 GS CELESTIAL BODIES
 . STARS
 . . DOUBLE STARS
 . . . BINARY STARS
 . . . CATAclysmic VARIABLES
 . . . COMPANION STARS
 . . . NEMESIS (STAR)
 . . . ECLIPSING BINARY STARS
 . . . DWARF NOVAE
 . . . LAMBDA TAURI STARS
 . . . ZETA AURIGAE STAR
 . . . SIGMA ORIONIS
 . . . SYMBIOTIC STARS
 RT ASTROMETRY
 STELLAR MOTIONS

DOVAP

USE DOPPLER EFFECT

DRACONID METEORIDS

GS CELESTIAL BODIES
 . METEOROID SHOWERS
 . . DRACONID METEORIDS
 . . METEORIDS
 . . DRACONID METEORIDS
 RT GIACOBINI-ZINNER COMET

DURATION

USE TIME

DUST

GS PARTICLES
 . DUST
 . . COSMIC DUST
 . . . INTERPLANETARY DUST
 . . . METEOROID DUST CLOUDS
 . . . ZODIACAL DUST
 . . LUNAR DUST
 . . TERRESTRIAL DUST BELT
 RT AEROSOLS
 AIR POLLUTION
 AITKEN NUCLEI
 CLEANING
 ∞ CLOUDS
 COMBUSTION PRODUCTS
 CONTAMINANTS
 DIRT
 ∞ DISPERSION
 DISPERSIONS
 FUMES
 PARTICULATES
 POLLEN
 POWDER (PARTICLES)
 R CORONAE BOREALIS STARS
 SANDS
 SMOKE
 SPACE DEBRIS

DUST COLLECTORS

GS ACCUMULATORS
 . DUST COLLECTORS
 SEPARATORS
 . DUST COLLECTORS
 RT AIR FILTERS
 ELECTROSTATIC PRECIPITATORS
 EXHAUST SYSTEMS
 PRECIPITATORS

DUST STORMS

GS STORMS
 . STORMS (METEOROLOGY)
 . . DUST STORMS
 RT ATMOSPHERIC ELECTRICITY
 ATMOSPHERIC PHYSICS
 MARS (PLANET)
 MARS ENVIRONMENT
 MARS SURFACE
 WIND EFFECTS

DWARF GALAXIES

GS CELESTIAL BODIES
 . GALAXIES
 . . DWARF GALAXIES
 RT LOCAL GROUP (ASTRONOMY)

DWARF NOVAE

GS CELESTIAL BODIES
 . STARS
 . . DOUBLE STARS
 . . . BINARY STARS
 . . . ECLIPSING BINARY STARS
 . . . DWARF NOVAE
 . . . MAIN SEQUENCE STARS
 . . . DWARF STARS
 . . . DWARF NOVAE
 . . . VARIABLE STARS
 . . . NOVAE
 . . . DWARF NOVAE
 RT HERCULES NOVA
 STELLAR MASS ACCRETION
 STELLAR MASS EJECTION
 WHITE DWARF STARS

DWARF STARS

GS CELESTIAL BODIES
 . STARS
 . . MAIN SEQUENCE STARS
 . . . DWARF STARS
 . . . DWARF NOVAE
 . . . FLARE STARS
 . . . RED DWARF STARS
 RT CATAclysmic VARIABLES
 F STARS
 G STARS
 K STARS
 LATE STARS
 NEMESIS (STAR)
 SUBDWARF STARS
 SUBGIANT STARS
 WHITE DWARF STARS

DYNAMO THEORY

RT EARTH CORE
 GEOMAGNETISM
 TELLURIC CURRENTS
 ∞ THEORIES

E

E LAYERS

USE E REGION

E REGION

SN (ALTITUDE RANGE BETWEEN
 APPROXIMATELY 90 AND 100 KM)
 UF E LAYERS
 NIGHT E LAYER
 GS EARTH ATMOSPHERE
 . UPPER ATMOSPHERE
 . . EARTH IONOSPHERE
 . . . E REGION
 . . . E-1 LAYER
 . . . E-2 LAYER
 . . . SPORADIC E LAYER
 REGIONS
 . E REGION
 . . E-1 LAYER
 . . E-2 LAYER
 . . SPORADIC E LAYER
 RT LOWER IONOSPHERE
 UPPER IONOSPHERE

E-1 LAYER

GS EARTH ATMOSPHERE
 . UPPER ATMOSPHERE
 . . EARTH IONOSPHERE
 . . . E REGION
 . . . E-1 LAYER
 REGIONS
 . E REGION
 . . E-1 LAYER
 RT SPORADIC E LAYER

E-2 LAYER

GS EARTH ATMOSPHERE
 . UPPER ATMOSPHERE
 . . EARTH IONOSPHERE
 . . . E REGION
 . . . E-2 LAYER
 REGIONS
 . E REGION
 . . E-2 LAYER
 RT SPORADIC E LAYER

EARLY APOLLO SURFACE EXPERIMENTS PACKAGE

USE EASEP

EARLY STARS

EARLY STARS

GS CELESTIAL BODIES
 . STARS
 **EARLY STARS**
 HOT STARS
 A STARS
 B STARS
 SIGMA ORIONIS
 BLUE STARS
 O STARS
 WHITE DWARF STARS
 WOLF-RAYET STARS
 RT LATE STARS
 MAIN SEQUENCE STARS
 STAR FORMATION

EARTH (PLANET)

UF WORLD
 GS CELESTIAL BODIES
 . PLANETS
 TERRESTRIAL PLANETS
 **EARTH (PLANET)**
 RT EASTERN HEMISPHERE
 GEODESY
 GEOELECTRICITY
 GEOGRAPHY
 GEOLOGY
 GEOMAGNETISM
 GEOPHYSICS
 ∞ GLOBES
 PLANETARY CRATERS
 POLAR CAPS
 TERRESTRIAL RADIATION
 WESTERN HEMISPHERE

EARTH ALBEDO

GS ALBEDO
 . **EARTH ALBEDO**
 RT ABSORPTANCE
 COSMIC RAY ALBEDO
 EARTH RADIATION BUDGET
 EARTH RADIATION BUDGET
 EXPERIMENT
 EBERT SPECTROMETERS
 LUNAR ALBEDO
 REFLECTANCE
 TERRESTRIAL RADIATION

EARTH ATMOSPHERE

GS **EARTH ATMOSPHERE**
 . CHEMOSPHERE
 . FREE ATMOSPHERE
 . HETEROSPHERE
 . HOMOSPHERE
 . LOWER ATMOSPHERE
 TROPOSPHERE
 TROPOPAUSE
 . MIDDLE ATMOSPHERE
 MESOSPHERE
 MESOPAUSE
 STRATOSPHERE
 OZONOSPHERE
 STRATOPAUSE
 . MIDLATITUDE ATMOSPHERE
 . PRIMITIVE EARTH ATMOSPHERE
 . UPPER ATMOSPHERE
 EARTH IONOSPHERE
 E REGION
 E-1 LAYER
 E-2 LAYER
 SPORADIC E LAYER
 LOWER IONOSPHERE
 D REGION
 UPPER IONOSPHERE
 F REGION
 F 1 REGION
 F 2 REGION
 EXOSPHERE
 THERMOSPHERE
 TURBOPAUSE
 RT ACOUSTIC SOUNDING
 AEROSPACE ENVIRONMENTS
 AIR
 AIR POLLUTION
 AIR QUALITY
 AIRGLOW
 ∞ ATMOSPHERES
 ATMOSPHERIC CIRCULATION
 ATMOSPHERIC COMPOSITION
 ATMOSPHERIC ELECTRICITY
 ATMOSPHERIC ENTRY
 ATMOSPHERIC GENERAL CIRCULATION
 EXPERIMENT
 AURORAS
 BIOASTRONAUTICS

EARTH ATMOSPHERE-(CONT.)

EARTH MAGNETOSPHERE
 ENVIRONMENTS
 GEOPOTENTIAL HEIGHT
 GLOBAL AIR POLLUTION
 GREENHOUSE EFFECT
 METEOR TRAILS
 OPEN PROJECT
 PLANETARY ATMOSPHERES
 PLASMASPHERE
 RADIATION BELTS
 SATELLITE ATMOSPHERES
 SCALE HEIGHT
 SUPERROTATION
 TELECONNECTIONS (METEOROLOGY)
 WEATHERING

EARTH CORE

GS CORES
 . PLANETARY CORES
 **EARTH CORE**
 LITHOSPHERE
 RT **EARTH CORE**
 DYNAMO THEORY
 GEOPHYSICAL FLUIDS
 STRUCTURAL PROPERTIES (GEOLOGY)

EARTH CRUST

UF CRUSTAL DYNAMICS
 GS CRUSTS
 . PLANETARY CRUSTS
 **EARTH CRUST**
 LITHOSPHERE
 RT **EARTH CRUST**
 COESITE
 CONTINENTAL DRIFT
 CORE SAMPLING
 CRATONS
 CRUSTAL FRACTURES
 EARTH MANTLE
 EARTHQUAKE DAMAGE
 FOLDS (GEOLOGY)
 LUNAR CRUST
 MASSIFS
 PLATES (TECTONICS)
 SAN ANDREAS FAULT
 STISHOVITE
 STRUCTURAL PROPERTIES (GEOLOGY)

EARTH FIGURE

USE GEODESY

EARTH IONOSPHERE

SN (ALTITUDES ABOVE APPROXIMATELY 50
 KM)
 GS EARTH ATMOSPHERE
 . UPPER ATMOSPHERE
 **EARTH IONOSPHERE**
 E REGION
 E-1 LAYER
 E-2 LAYER
 SPORADIC E LAYER
 LOWER IONOSPHERE
 D REGION
 UPPER IONOSPHERE
 F REGION
 F 1 REGION
 F 2 REGION
 RT ATMOSPHERIC IONIZATION
 CHEMOSPHERE
 EARTH MAGNETOSPHERE
 ELECTROJETS
 EXOSPHERE
 HETEROSPHERE
 HOMOSPHERE
 INTASAT SATELLITE
 ION CONCENTRATION
 ION DENSITY (CONCENTRATION)
 ∞ IONOSPHERES
 IONOSPHERIC PROPAGATION
 IONOSPHERIC STORMS
 ∞ LAYERS
 MAGNETOSPHERE-IONOSPHERE
 COUPLING
 MESOSPHERE
 MIDLATITUDE ATMOSPHERE
 REGIONS
 SATELLITE ATMOSPHERES
 SHEAR LAYERS
 THERMOSPHERE

EARTH LIMB

RT ASTRONOMY
 LIBRATION
 ∞ LIMBS

EARTH LIMB-(CONT.)

PLANETARY LIMB

EARTH MAGNETOSPHERE

GS ENVIRONMENTS
 . **EARTH MAGNETOSPHERE**
 GEOMAGNETIC TAIL
 MAGNETOPAUSE
 MAGNETOSHEATH
 RT AMPTE (SATELLITES)
 BARIUM ION CLOUDS
 CHAPMAN-FERRARO PROBLEM
 COROTATION
 EARTH ATMOSPHERE
 EARTH IONOSPHERE
 EXOSPHERE
 GEOMAGNETIC HOLLOW
 GEOMAGNETISM
 GEOS SATELLITES (ESA)
 HETEROSPHERE
 INTERNATIONAL MAGNETOSPHERIC
 EXPLORER
 INTERNATIONAL MAGNETOSPHERIC
 STUDY
 KP INDEX
 MAGNETIC FIELDS
 MAGNETOSPHERE-IONOSPHERE
 COUPLING
 ∞ MAGNETOSPHERES
 NEUTRAL SHEETS
 OPEN PROJECT
 PLANETARY MAGNETOSPHERES
 PLASMA CLOUDS
 PLASMAPAUSE
 PLASMASPHERE
 POLAR CUSPS
 RADIATION BELTS
 RADIATION TRAPPING
 SATELLITE ATMOSPHERES
 SCREEN EFFECT
 SOLAR PLANETARY INTERACTIONS
 SOLAR TERRESTRIAL INTERACTIONS
 SOLAR WIND VELOCITY
 SPACE PLASMAS
 THERMOSPHERE

EARTH MANTLE

UF MANTLE (EARTH STRUCTURE)
 GS LITHOSPHERE
 . **EARTH MANTLE**
 PLANETARY MANTLES
 **EARTH MANTLE**
 RT COESITE
 EARTH CRUST
 LUNAR MANTLE
 PLATES (TECTONICS)
 REGOLITH
 STISHOVITE
 STRUCTURAL PROPERTIES (GEOLOGY)
 SUBDUCTION (GEOLOGY)

∞ EARTH MOTION

SN (USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED--CONSULT THE TERMS
 LISTED BELOW)
 RT EARTH MOVEMENTS
 EARTH ORIENTATION
 EARTH ROTATION
 POLAR WANDERING (GEOLOGY)
 SOLAR ORBITS

EARTH MOVEMENTS

GS **EARTH MOVEMENTS**
 . EARTHQUAKES
 . LANDSLIDES
 RT AVALANCHES
 CREVASSES
 CRUSTAL FRACTURES
 ∞ EARTH MOTION
 EARTHQUAKE DAMAGE
 GEODYNAMICS
 LARGE APERTURE SEISMIC ARRAY
 SEISMIC WAVES
 SEISMOLOGY
 TECTONICS
 TSUNAMI WAVES

EARTH ORBITAL ENVIRONMENTS

UF GEO ENVIRONMENTS
 GEOSYNCHRONOUS EARTH ORBITAL
 ENVIRONMENTS
 LEO ENVIRONMENTS
 LOW EARTH ORBITAL ENVIRONMENTS
 GS ENVIRONMENTS
 . AEROSPACE ENVIRONMENTS

ELECTROMAGNETIC PULSES

EARTH ORBITAL ENVIRONMENTS-(CONT.)

.. EARTH ORBITAL ENVIRONMENTS
.. EXTRATERRESTRIAL ENVIRONMENTS
.. EARTH ORBITAL ENVIRONMENTS
RT EXTRATERRESTRIAL RADIATION
SPACECRAFT GLOW

EARTH ORBITING SPACE STATIONS
USE SPACE STATIONS

EARTH ORBITS

SN (ORBITS AROUND THE EARTH)
GS ORBITS
.. EARTH ORBITS
.. APOGEES
.. PERIGEEES
RT APOLLO ASTEROIDS
CIRCULAR ORBITS
CIRCUMLUNAR TRAJECTORIES
ELLIPTICAL ORBITS
EQUATORIAL ORBITS
HANSEN LUNAR THEORY
HILL LUNAR THEORY
HILL METHOD
LUNAR ORBITS
ORBITAL LIFETIME
ORBITAL MECHANICS
PARKING ORBITS
PLANETARY ORBITS
POLAR ORBITS
SATELLITE ORBITS
SPACECRAFT ORBITS
STATIONARY ORBITS
TRANSFER ORBITS
TWENTY-FOUR HOUR ORBITS

EARTH ORIENTATION

RT EARTH AXIS
.. EARTH MOTION
.. EARTH ROTATION
.. NUTATION
.. POLAR WANDERING (GEOLOGY)
.. PRECESSION

EARTH PLANETARY STRUCTURE

RT CONTINENTAL DRIFT
GEOLOGY
GEOPHYSICS
HYDROLOGY
LITHOSPHERE
OCEANOGRAPHY
PLANETARY COMPOSITION
PLANETARY STRUCTURE
PLATES (TECTONICS)
PRIMITIVE EARTH ATMOSPHERE
STRUCTURAL PROPERTIES (GEOLOGY)
.. STRUCTURES
.. TECTONICS

EARTH RADIATION

USE TERRESTRIAL RADIATION

EARTH RADIATION BUDGET

GS ENERGY BUDGETS
.. EARTH RADIATION BUDGET
RT ATMOSPHERIC HEAT BUDGET
ATMOSPHERIC RADIATION
.. BUDGETS
.. EARTH ALBEDO
.. EARTH RADIATION BUDGET
.. EXPERIMENT
.. HEAT BUDGET
.. TERRESTRIAL RADIATION

EARTH ROTATION

GS GYRATION
.. ROTATION
.. EARTH ROTATION
RT .. EARTH MOTION
.. EARTH ORIENTATION
.. SIDEREAL TIME
.. SUPERROTATION

EARTH SHAPE

USE GEODESY

EARTH-MARS TRAJECTORIES

GS TRAJECTORIES
.. SPACECRAFT TRAJECTORIES
.. INTERPLANETARY TRAJECTORIES
.. EARTH-MARS TRAJECTORIES
RT ELLIPTICAL ORBITS
ORBITAL MECHANICS
TRANSFER ORBITS

EARTH-MERCURY TRAJECTORIES

GS TRAJECTORIES
.. SPACECRAFT TRAJECTORIES
.. INTERPLANETARY TRAJECTORIES
.. EARTH-MERCURY TRAJECTORIES
RT ELLIPTICAL ORBITS
ORBITAL MECHANICS
TRANSFER ORBITS

EARTH-MOON SYSTEM

RT CHARON
GRAVITATIONAL FIELDS
GRAVITATIONAL WAVES
LUNAR RETROREFLECTORS
MOON
NATURAL SATELLITES
ORBITAL MECHANICS
SOLAR SYSTEM
.. SYSTEMS
.. TWO BODY PROBLEM

EARTH-MOON TRAJECTORIES

GS TRAJECTORIES
.. SPACECRAFT TRAJECTORIES
.. LUNAR TRAJECTORIES
.. EARTH-MOON TRAJECTORIES
RT APOLLO 5 FLIGHT
APOLLO 6 FLIGHT
APOLLO 7 FLIGHT
APOLLO 8 FLIGHT
APOLLO 9 FLIGHT
APOLLO 10 FLIGHT
APOLLO 11 FLIGHT
APOLLO 12 FLIGHT
APOLLO 13 FLIGHT
APOLLO 14 FLIGHT
APOLLO 15 FLIGHT
APOLLO 16 FLIGHT
APOLLO 17 FLIGHT
CIRCUMLUNAR TRAJECTORIES
CISLUNAR SPACE
INTERPLANETARY TRAJECTORIES
LUNAR FLIGHT
LUNAR ORBITS
MOON-EARTH TRAJECTORIES
PARKING ORBITS
RENDEZVOUS TRAJECTORIES
ROUND TRIP TRAJECTORIES
TRANSFER ORBITS

EARTH-VENUS TRAJECTORIES

GS TRAJECTORIES
.. SPACECRAFT TRAJECTORIES
.. EARTH-VENUS TRAJECTORIES
RT .. ASTRONAUTICS
.. FLIGHT OPTIMIZATION
.. INTERPLANETARY FLIGHT
.. INTERPLANETARY TRAJECTORIES
.. MISSIONS
.. ORBITS
.. SPACE MISSIONS
.. SPACE NAVIGATION
.. SPACECRAFT REENTRY
.. TRANSFER ORBITS

EASEP

UF EARLY APOLLO SURFACE EXPERIMENTS
PACKAGE
GS PACKAGES
.. INSTRUMENT PACKAGES
.. EASEP
RT .. INSTRUMENTS
.. LUNAR EXPLORATION
.. PAYLOADS
.. SURFACES

ECHELETTE GRATINGS

GS GRATINGS (SPECTRA)
.. ECHELETTE GRATINGS
RT DIFFRACTION
REFLECTION

ECLIPSE PROJECT

GS PROGRAMS
.. PROJECTS
.. ECLIPSE PROJECT

ECLIPSES

GS ECLIPSES
.. LUNAR ECLIPSES
.. SOLAR ECLIPSES
RT ECLIPSING BINARY STARS
LUNAR SHADOW
OCCULTATION
PENUMBRAS

ECLIPSES-(CONT.)

UMBRAS

ECLIPSING BINARY STARS

GS CELESTIAL BODIES
.. STARS
.. DOUBLE STARS
.. BINARY STARS
.. ECLIPSING BINARY STARS
.. DWARF NOVAE
.. LAMBDA TAURI STARS
.. ZETA AURIGAE STAR
RT ACCRETION DISKS
CATAclysmic VARIABLES
ECLIPSES
STELLAR OCCULTATION
SYMBIOTIC STARS
VARIABLE STARS
X RAY BINARIES

ECLIPTIC

RT PLANETS
SOLAR ORBITS
ZODIAC

EINSTEIN OBSERVATORY

USE HEAO 2

EJECTA

RT CRATERING
CRATERS
DEBRIS
EJECTION
FRAGMENTS
IMPACT DAMAGE
MARS CRATERS
METEORITE CRATERS
METEORITIC DAMAGE
PROJECTILE CRATERING
WOLF-RAYET STARS

ELECTROMAGNETIC FIELDS

GS ELECTROMAGNETIC FIELDS
.. FAR FIELDS
.. NEAR FIELDS
.. SYSTEM GENERATED
.. ELECTROMAGNETIC PULSES
RT ABRIKOSOV THEORY
BIOMAGNETISM
BLACKOUT (PROPAGATION)
ELECTROKINETICS
ELECTROMAGNETISM
ELECTROMECHANICS
EXTERNAL SURFACE CURRENTS
FIELD MODE THEORY
FIELD STRENGTH
FIELD THEORY (PHYSICS)
GRAND UNIFIED THEORY
MAGNETIC FIELD CONFIGURATIONS
MAGNETIC FIELD INVERSIONS
MAGNETIC FIELDS
QUANTUM ELECTRODYNAMICS
RECIPROCITY THEOREM
SOLAR MAGNETIC FIELD
SOMMERFELD APPROXIMATION
SQUEEZED STATES (QUANTUM THEORY)
STELLAR MAGNETIC FIELDS
UNIFIED FIELD THEORY
WHISTLERS
YANG-MILLS FIELDS

ELECTROMAGNETIC INTERACTIONS

GS ELECTROMAGNETIC INTERACTIONS
.. PHOTOPRODUCTION
.. PLASMA-ELECTROMAGNETIC
.. INTERACTION
.. LASER PLASMA INTERACTIONS
RT BIOMAGNETISM
ELECTRODYNAMICS
ELECTROMAGNETIC ACCELERATION
ELECTROSTATICS
ELEMENTARY PARTICLE INTERACTIONS
FEYNMAN DIAGRAMS
GRAND UNIFIED THEORY
.. INTERACTIONS
.. MESON-MESON INTERACTIONS
.. PHOTONUCLEAR REACTIONS
.. PLASMA RESONANCE
.. QUANTUM MECHANICS
.. UNIFIED FIELD THEORY
.. WAVE INTERACTION

ELECTROMAGNETIC PULSES

GS ELECTROMAGNETIC RADIATION
.. ELECTROMAGNETIC PULSES

ELECTROMAGNETIC RADIATION

ELECTROMAGNETIC PULSES-(CONT.)

- .. SYSTEM GENERATED
- ELECTROMAGNETIC PULSES
- PULSED RADIATION
- ELECTROMAGNETIC PULSES
- .. SYSTEM GENERATED
- ELECTROMAGNETIC PULSES
- PULSES
- ELECTROMAGNETIC PULSES
- .. SYSTEM GENERATED
- ELECTROMAGNETIC PULSES
- RT ELECTRIC PULSES
- EXTERNAL SURFACE CURRENTS
- PICOSECOND PULSES
- PULSE COMMUNICATION
- PULSE MODULATION
- PULSE RADAR
- RADAR TRANSMISSION

ELECTROMAGNETIC RADIATION

- UF ELECTROMAGNETIC WAVES
- WAVE RADIATION
- GS ELECTROMAGNETIC RADIATION
- .. BREMSSTRAHLUNG
- .. CERENKOV RADIATION
- .. COHERENT ELECTROMAGNETIC RADIATION
- .. COHERENT LIGHT
- .. DIFFRACTION RADIATION
- .. ELECTROMAGNETIC PULSES
- .. SYSTEM GENERATED
- ELECTROMAGNETIC PULSES
- ELECTROMAGNETIC SURFACE WAVES
- GAMMA RAY BEAMS
- GAMMA RAYS
- GAMMA RAY BURSTS
- H WAVES
- INFRARED RADIATION
- .. FAR INFRARED RADIATION
- .. NEAR INFRARED RADIATION
- KILOMETRIC WAVES
- LIGHT (VISIBLE RADIATION)
- .. COHERENT LIGHT
- .. GEGENSCHNITT
- .. LIGHT BEAMS
- .. POLARIZED LIGHT
- .. SKY RADIATION
- .. AIRGLOW
- .. GEOCORONAL EMISSIONS
- .. NIGHTGLOW
- .. TWILIGHT GLOW
- .. DAYGLOW
- .. SUNLIGHT
- .. ZODIACAL LIGHT
- MODULATED CONTINUOUS RADIATION
- MONOCHROMATIC RADIATION
- NONEQUILIBRIUM RADIATION
- NONTHERMAL RADIATION
- CYCLOTRON RADIATION
- .. ION CYCLOTRON RADIATION
- .. SYNCHROTRON RADIATION
- PHOTON BEAMS
- .. LIGHT BEAMS
- PLANETARY RADIATION
- PLASMONS
- POLARIZED ELECTROMAGNETIC RADIATION
- .. POLARIZED LIGHT
- .. SYNCHROTRON RADIATION
- RADIO WAVES
- .. DECA-METRIC WAVES
- .. EXTRATERRESTRIAL RADIO WAVES
- .. GALACTIC RADIO WAVES
- .. RADIO BURSTS
- .. SOLAR RADIO BURSTS
- .. TYPE 2 BURSTS
- .. TYPE 3 BURSTS
- .. TYPE 4 BURSTS
- .. TYPE 5 BURSTS
- .. SOLAR RADIO EMISSION
- .. SOLAR RADIO BURSTS
- .. TYPE 2 BURSTS
- .. TYPE 3 BURSTS
- .. TYPE 4 BURSTS
- .. TYPE 5 BURSTS
- .. LONG WAVE RADIATION
- .. RADIO EMISSION
- .. CN EMISSION
- .. HYDROXYL EMISSION
- .. RADIO BURSTS
- .. SOLAR RADIO BURSTS
- .. TYPE 2 BURSTS
- .. TYPE 3 BURSTS
- .. TYPE 4 BURSTS
- .. TYPE 5 BURSTS
- .. SOLAR RADIO EMISSION

ELECTROMAGNETIC RADIATION-(CONT.)

- .. SOLAR RADIO BURSTS
- .. TYPE 2 BURSTS
- .. TYPE 3 BURSTS
- .. TYPE 4 BURSTS
- .. TYPE 5 BURSTS
- .. SHORT WAVE RADIATION
- .. MICROWAVES
- .. CENTIMETER WAVES
- .. DECIMETER WAVES
- .. MICROWAVE EMISSION
- .. MILLIMETER WAVES
- .. SUBMILLIMETER WAVES
- .. SKY WAVES
- .. WHISTLERS
- .. SOMMERFELD WAVES
- .. TERRESTRIAL RADIATION
- .. THERMAL RADIATION
- .. BLACK BODY RADIATION
- .. PHONON BEAMS
- .. TROPOSPHERIC RADIATION
- .. ULTRAVIOLET RADIATION
- .. EXTREME ULTRAVIOLET RADIATION
- .. FAR ULTRAVIOLET RADIATION
- .. LYMAN ALPHA RADIATION
- .. LYMAN BETA RADIATION
- .. NEAR ULTRAVIOLET RADIATION
- .. X RAYS
- .. COSMIC X RAYS
- .. SOLAR X-RAYS
- RT AEROSPACE ENVIRONMENTS
- ANTENNAS
- ATMOSPHERIC RADIATION
- ATMOSPHERIC REFRACTION
- BACKWARD WAVES
- BEAMS (RADIATION)
- COHERENT RADIATION
- CONTINUOUS RADIATION
- CORPUSCULAR RADIATION
- COSMIC RAYS
- CYLINDRICAL WAVES
- DIFFRACTION
- DOPPLER EFFECT
- DUOCHROMATORS
- ELECTROACOUSTIC WAVES
- ELECTROMAGNETISM
- EXTRATERRESTRIAL RADIATION
- FAR FIELDS
- FLUX (RATE)
- FLUX DENSITY
- GALACTIC RADIATION
- GAMMA RAY ABSORPTION
- GAUGE INVARIANCE
- GLARE
- HARMONIC RADIATION
- INCIDENT RADIATION
- INCOHERENT SCATTERING
- INTERSTELLAR RADIATION
- IONIZING RADIATION
- KERR ELECTROOPTICAL EFFECT
- LIGHT EMISSION
- MAGNETO-OPTICS
- NEAR FIELDS
- NONLINEAR OPTICS
- NUCLEAR RADIATION
- PHASE VELOCITY
- PHOTONS
- PLANCKS CONSTANT
- POLARIZED RADIATION
- POYNTING THEOREM
- PROPGATION
- PROPGATION VELOCITY
- PULSED RADIATION
- RADAR
- RADIATION
- RADIATION CHEMISTRY
- RADIATION DISTRIBUTION
- RADIATION HAZARDS
- RADIATION LAWS
- RADIATION PRESSURE
- RADIATION SOURCES
- RADIATIVE TRANSFER
- RT RAYS
- REFLECTED WAVES
- REFLECTION
- REFRACTED WAVES
- RONCHI TEST
- SCATTERING
- SINE WAVES
- SOLAR RADIATION
- SOLITARY WAVES
- SPECTRAL EMISSION
- SPECTRAL ENERGY DISTRIBUTION
- SPHERICAL WAVES
- SPONTANEOUS EMISSION
- STEFAN-BOLTZMANN LAW

ELECTROMAGNETIC RADIATION-(CONT.)

- STELLAR RADIATION
- STRATOSPHERE RADIATION
- TELECOMMUNICATION
- THOMSON SCATTERING
- TRANSMISSION
- TRANSVERSE WAVES
- TRAVELING WAVES
- ULTRAVIOLET ASTRONOMY
- VLF EMISSION RECORDERS
- WAVE AMPLIFICATION
- WAVE DISPERSION
- WAVE GENERATION
- WAVES
- WHITE HOLES (ASTRONOMY)

ELECTROMAGNETIC SPECTRA

- GS SPECTRA
- .. RADIATION SPECTRA
- .. ELECTROMAGNETIC SPECTRA
- .. GAMMA RAY SPECTRA
- .. INFRARED SPECTRA
- .. LINE SPECTRA
- .. BALMER SERIES
- .. D LINES
- .. ELECTRONIC SPECTRA
- .. FRAUNHOFER LINES
- .. H LINES
- .. H ALPHA LINE
- .. H BETA LINE
- .. H GAMMA LINE
- .. K LINES
- .. LYMAN SPECTRA
- .. PASCHEN SERIES
- .. RYDBERG SERIES
- .. TELLURIC LINES
- .. RADIO SPECTRA
- .. MICROWAVE SPECTRA
- .. RAMAN SPECTRA
- .. STELLAR SPECTRA
- .. SOLAR SPECTRA
- .. UVB SPECTRA
- .. ULTRAVIOLET SPECTRA
- .. VIBRATIONAL SPECTRA
- .. VISIBLE SPECTRUM
- .. X RAY SPECTRA
- RT ABSORPTION SPECTRA
- ASTRONOMICAL SPECTROSCOPY
- ELECTRONIC WARFARE
- EMISSION SPECTRA
- ENERGY SPECTRA
- LIGHT (VISIBLE RADIATION)
- MOLECULAR SPECTRA
- NOISE SPECTRA
- SPECTRAL CORRELATION
- SPECTRAL RECONNAISSANCE

ELECTROMAGNETIC WAVES

- USE ELECTROMAGNETIC RADIATION

ELECTRON COUNTERS

- UF ELECTRON DETECTORS
- GS MEASURING INSTRUMENTS
- COUNTERS
- .. RADIATION COUNTERS
- .. ELECTRON COUNTERS
- .. RADIATION MEASURING INSTRUMENTS
- .. RADIATION COUNTERS
- .. ELECTRON COUNTERS
- RT ELECTROMETERS
- IONIZATION CHAMBERS

ELECTRON DENSITY (CONCENTRATION)

- GS DENSITY (NUMBER/VOLUME)
- .. PARTICLE DENSITY (CONCENTRATION)
- .. ELECTRON DENSITY (CONCENTRATION)
- .. CARRIER DENSITY (SOLID STATE)
- .. ELECTRON DENSITY PROFILES
- .. IONOSPHERIC ELECTRON DENSITY
- .. MAGNETOSPHERIC ELECTRON DENSITY
- RT ATMOSPHERIC COMPOSITION
- ATMOSPHERIC DENSITY
- ATOM CONCENTRATION
- FREE ELECTRONS
- ION DENSITY (CONCENTRATION)
- PLASMA DENSITY
- PLASMA FREQUENCIES
- RADIATION BELTS
- SEMICONDUCTORS (MATERIALS)
- SPACE DENSITY

ELECTRON DENSITY PROFILES

- GS DENSITY (NUMBER/VOLUME)

ELECTRON DENSITY PROFILES-(CONT.)

- . PARTICLE DENSITY (CONCENTRATION)
- . . . ELECTRON DENSITY (CONCENTRATION)
- **ELECTRON DENSITY PROFILES**
- ELECTRON DISTRIBUTION
- **ELECTRON DENSITY PROFILES**
- DISTRIBUTION (PROPERTY)
- ELECTRON DISTRIBUTION
- **ELECTRON DENSITY PROFILES**
- GRADIENTS
- **ELECTRON DENSITY PROFILES**
- RT . . . ANGULAR DISTRIBUTION
- . . . ATMOSPHERIC ELECTRICITY
- . . . ATMOSPHERIC IONIZATION

ELECTRON DETECTORS

- USE . . . ELECTRON COUNTERS

ELECTRON DISTRIBUTION

- GS . . . DENSITY (NUMBER/VOLUME)
- . . . PARTICLE DENSITY (CONCENTRATION)
- **ELECTRON DISTRIBUTION**
- ELECTRON DENSITY PROFILES
- DISTRIBUTION (PROPERTY)
- **ELECTRON DISTRIBUTION**
- ELECTRON DENSITY PROFILES
- RT . . . CHARGE DISTRIBUTION
- . . . CURRENT DISTRIBUTION
- . . . THOMAS-FERMI MODEL
- . . . VERTICAL DISTRIBUTION

ELECTRON FLUX

- USE . . . ELECTRONS
- . . . FLUX (RATE)

ELECTRON FLUX DENSITY

- SN . . . (LIMITED TO ELECTRON EMISSION OR
- . . . DETECTION RATE PER UNIT AREA)
- UF . . . ELECTRON INTENSITY
- GS . . . RATES (PER TIME)
- . . . FLUX DENSITY
- . . . RADIANT FLUX DENSITY
- . . . PARTICLE FLUX DENSITY
- **ELECTRON FLUX DENSITY**
- RT . . . IRRADIANCE
- . . . RADIANCY
- . . . SOLAR FLUX DENSITY

ELECTRON INTENSITY

- USE . . . ELECTRON FLUX DENSITY

ELECTRON RADIATION

- SN . . . (LIMITED TO RADIATION CONSISTING OF
- . . . ELECTRONS-EXCLUDES
- . . . ELECTROMAGNETIC RADIATION)
- GS . . . PARTICLES
- . . . CORPUSCULAR RADIATION
- **ELECTRON RADIATION**
- BETA PARTICLES
- ELECTRON BEAMS
- RELATIVISTIC ELECTRON BEAMS
- RT . . . BREMSSTRAHLUNG
- . . . NUCLEAR RADIATION
- . . . PLASMA RADIATION
- . . . PROTON IRRADIATION
- . . . α RADIATION
- . . . RADIATION EFFECTS

ELECTRON TELESCOPES

- USE . . . PARTICLE TELESCOPES

ELECTRONS

- UF . . . ELECTRON FLUX
- . . . NONRELATIVISTIC ELECTRONS
- GS . . . PARTICLES
- . . . CHARGED PARTICLES
- ENERGETIC PARTICLES
- **ELECTRONS**
- CONDUCTION ELECTRONS
- HIGH ENERGY ELECTRONS
- HOT ELECTRONS
- N ELECTRONS
- NEGATRONS
- PI-ELECTRONS
- RT . . . ACCEPTOR MATERIALS
- . . . BETA PARTICLES
- . . . BOHR MAGNETON
- . . . COSMIC RAYS
- . . . DONOR MATERIALS
- . . . ELECTRON ACCELERATION
- . . . ELECTRON MASS
- . . . EXCITONS
- . . . HOLES (ELECTRON DEFICIENCIES)
- . . . LEWIS BASE

ELECTRONS-(CONT.)

- . . . MAJORITY CARRIERS
- . . . α MATERIALS
- . . . MINORITY CARRIERS
- . . . MUONIUM
- . . . N-TYPE SEMICONDUCTORS
- . . . NUCLEAR RADIATION
- . . . POMERANCHUK THEOREM
- . . . QUANTUM NUMBERS
- . . . RADIATION BELTS
- . . . SEMICONDUCTORS (MATERIALS)
- . . . SUHL EFFECT

ELECTROSTATIC PLASMA

- USE . . . PLASMAS (PHYSICS)

ELEMENTARY PARTICLES

- GS . . . PARTICLES
- **ELEMENTARY PARTICLES**
- ANTIPARTICLES
- ANTINEUTRINOS
- ANTINUCLIONS
- ANTIPROTONS
- POSITRONS
- BETA PARTICLES
- BOSONS
- ALPHA PARTICLES
- MESONS
- ETA-MESONS
- KAONS
- MESON RESONANCE
- X MESONS
- MUONS
- PIONS
- VECTOR MESONS
- RHO-MESONS
- SIGMA-MESONS
- PHOTONS
- LIGHT BEAMS
- XI HYPERONS
- DEUTERONS
- FERMIONS
- BARYONS
- HYPERONS
- XI HYPERONS
- OMEGA-MESONS
- RHO-MESONS
- SIGMA-MESONS
- ETA-MESONS
- LEPTONS
- ANTINEUTRINOS
- MUONS
- NEUTRINOS
- SOLAR NEUTRINOS
- MESON RESONANCE
- NEUTRONS
- COLD NEUTRONS
- FAST NEUTRONS
- PHOTONEUTRONS
- SOLAR NEUTRONS
- THERMAL NEUTRONS
- PROTONS
- RECOIL PROTONS
- SOLAR PROTONS
- GLUONS
- GRAVITINOS
- GRAVITONS
- HADRONS
- BARYONS
- OMEGA-MESONS
- RHO-MESONS
- SIGMA-MESONS
- MESONS
- KAONS
- MUONS
- OMEGA-MESONS
- VECTOR MESONS
- RHO-MESONS
- SIGMA-MESONS
- MAGNETIC MONOPOLES
- NUCLEONS
- PARTONS
- QUARKS
- TACHYONS
- RT . . . ATOMIC STRUCTURE
- . . . BUBBLE CHAMBERS
- . . . CHARGED PARTICLES
- . . . DE BROGLIE WAVELENGTHS
- . . . GEOCYCLOTRONS
- . . . HYPERNUCLEI
- . . . INSTANTONS
- . . . IONIZING RADIATION
- . . . NEUTRON SCATTERING
- . . . NUCLEAR INTERACTIONS
- . . . NUCLEAR PARTICLES

ELEMENTARY PARTICLES-(CONT.)

- . . . NUCLEAR RADIATION
- . . . NUCLEI (NUCLEAR PHYSICS)
- . . . PARTICLE ACCELERATORS
- . . . POMERANCHUK THEOREM
- . . . POSITRON ANNIHILATION
- . . . QUANTUM THEORY
- . . . RADIATION BELTS

ELEVATION ANGLE

- UF . . . ALMUCANTAR
- GS . . . GEOMETRY
- . . . EUCLIDEAN GEOMETRY
- ANGLES (GEOMETRY)
- **ELEVATION ANGLE**
- RT . . . ALTITUDE
- . . . AZIMUTH
- . . . DATUM (ELEVATION)
- . . . FIELD OF VIEW
- . . . LOOK ANGLES (TRACKING)
- . . . TOPOGRAPHY

ELLIPTICAL GALAXIES

- GS . . . CELESTIAL BODIES
- . . . GALAXIES
- **ELLIPTICAL GALAXIES**
- RT . . . DISK GALAXIES
- . . . GALACTIC CLUSTERS
- . . . LOCAL GROUP (ASTRONOMY)
- . . . SPIRAL GALAXIES
- . . . STAR CLUSTERS
- . . . VIRGO GALACTIC CLUSTER

ELLIPTICAL ORBITS

- UF . . . HOHMANN TRAJECTORIES
- . . . HOHMANN TRANSFER ORBITS
- GS . . . ORBITS
- **ELLIPTICAL ORBITS**
- APHELIONS
- APOGEES
- PERIGEEES
- PERIHELIONS
- TRANSFER ORBITS
- INTERPLANETARY TRANSFER ORBITS
- RT . . . APSIDES
- . . . CIRCULAR ORBITS
- . . . EARTH ORBITS
- . . . EARTH-MARS TRAJECTORIES
- . . . EARTH-MERCURY TRAJECTORIES
- . . . ECCENTRIC ORBITS
- . . . ELLIPTICITY
- . . . EQUATORIAL ORBITS
- . . . EULER-LAMBERT EQUATION
- . . . LUNAR ORBITS
- . . . ORBITAL MECHANICS
- . . . PAS
- . . . PLANETARY ORBITS
- . . . POLAR ORBITS
- . . . SATELLITE ORBITS
- . . . SOLAR ORBITS
- . . . SPACECRAFT ORBITS

EMANATION

- USE . . . EMISSION

EMISSION

- UF . . . EMANATION
- GS . . . **EMISSION**
- . . . ACOUSTIC EMISSION
- . . . EXHAUST EMISSION
- . . . LIGHT EMISSION
- . . . INCANDESCENCE
- . . . LUMINESCENCE
- BIOLUMINESCENCE
- CATHODE GLOW
- CATHODOLUMINESCENCE
- CHEMILUMINESCENCE
- ELECTROLUMINESCENCE
- FLUORESCENCE
- LASER INDUCED FLUORESCENCE
- PHOSPHORESCENCE
- RESONANCE FLUORESCENCE
- X RAY FLUORESCENCE
- LUNAR LUMINESCENCE
- OPTICAL RESONANCE
- PHOTOLUMINESCENCE
- TRIBOLUMINESCENCE
- X RAY FLUORESCENCE
- SHOCK WAVE LUMINESCENCE
- SONOLUMINESCENCE
- SPACECRAFT GLOW
- THERMOLUMINESCENCE
- MICROWAVE EMISSION
- PARTICLE EMISSION

EMISSION SPECTRA

EMISSION-(CONT.)

. . . ELECTRON EMISSION
 . . . FIELD EMISSION
 . . . PHOTOELECTRIC EMISSION
 . . . SECONDARY EMISSION
 . . . ION EMISSION
 . . . NEUTRON EMISSION
 . . . THERMIONIC EMISSION
 . . . PHOTOIONIZATION
 . . . RADIO EMISSION
 . . . CN EMISSION
 . . . HYDROXYL EMISSION
 . . . RADIO BURSTS
 . . . SOLAR RADIO BURSTS
 . . . TYPE 2 BURSTS
 . . . TYPE 3 BURSTS
 . . . TYPE 4 BURSTS
 . . . TYPE 5 BURSTS
 . . . SOLAR RADIO EMISSION
 . . . SOLAR RADIO BURSTS
 . . . TYPE 2 BURSTS
 . . . TYPE 3 BURSTS
 . . . TYPE 4 BURSTS
 . . . TYPE 5 BURSTS
 . . . SELF SUSTAINED EMISSION
 . . . SPECTRAL EMISSION
 . . . SPONTANEOUS EMISSION
 . . . STIMULATED EMISSION
 . . . WATER MASERS
 . . . THERMAL EMISSION
 . . . THERMIONIC EMISSION
 RT AIRGLOW
 ATOMIC RECOMBINATION
 BURSTS
 DECAY
 ∞ DISCHARGE
 EFFLUX
 EJECTION
 EMERGING
 EMITTERS
 EXCITATION
 IONIZING RADIATION
 IRRADIATION
 NUCLEAR REACTIONS
 PAIR PRODUCTION
 QUANTUM THEORY
 ∞ RADIATION
 RADIOACTIVE DECAY
 RADIOACTIVITY
 RELEASING
 SELECTION RULES (NUCLEAR PHYSICS)
 SPUTTERING

EMISSION SPECTRA

SN (LIMITED TO ELECTROMAGNETIC
 RADIATION OF ANY WAVELENGTH
 EMITTED FROM EXCITED
 MATTER-EXCLUDES PARTICLE
 SPECTRA)
 GS SPECTRA
 . . . RADIATION SPECTRA
 . . . EMISSION SPECTRA
 RT ABSORPTION SPECTRA
 ATOMIC RECOMBINATION
 BALMER SERIES
 CONTINUOUS RADIATION
 D LINES
 ELECTROMAGNETIC SPECTRA
 ELECTRON SPECTROSCOPY
 ELECTRONIC SPECTRA
 FLAME SPECTROSCOPY
 GAMMA RAY SPECTRA
 GAMMA RAYS
 H ALPHA LINE
 H BETA LINE
 H GAMMA LINE
 H II REGIONS
 H LINES
 HYDROXYL EMISSION
 INFRARED SPECTRA
 K LINES
 LINE SPECTRA
 LYMAN SPECTRA
 MOLECULAR SPECTRA
 MOLECULAR SPECTROSCOPY
 NUCLEAR RADIATION
 OPTICAL EMISSION SPECTROSCOPY
 OPTICAL TRANSITION
 PASCHEN SERIES
 PHOTOLUMINESCENT BANDS
 PLASMA SPECTRA
 RAMAN SPECTRA
 RYDBERG SERIES
 SCHUMANN-RUNGE BANDS
 SOLAR SPECTRA
 SOLAR SPECTROMETERS

EMISSION SPECTRA-(CONT.)

SPECTRAL SIGNATURES
 SPECTRUM ANALYSIS
 SPONTANEOUS EMISSION
 STELLAR SPECTRA
 SWAN BANDS
 SYMBIOTIC STARS
 ULTRAVIOLET SPECTRA
 VEGARD-KAPLAN BANDS
 VISIBLE SPECTRUM
 X RAY STARS
 X RAYS

EMISSION

UF PHOTOEMISSION
 GS THERMODYNAMIC PROPERTIES
 . . . THERMOPHYSICAL PROPERTIES
 . . . EMISSION
 RT BLACK BODY RADIATION
 BRIGHTNESS
 EMERGING
 EMITTANCE
 HOHLRAUMS
 INCANDESCENCE
 LUMINOSITY
 NONGRAY ATMOSPHERES
 NONGRAY GAS
 OPTICAL MEASUREMENT
 RADIANCE
 RADIANT FLUX DENSITY
 STEFAN-BOLTZMANN LAW
 SURFACE PROPERTIES
 TEMPERATURE
 THERMAL EMISSION

EMISSIONS

USE ACTINOMETERS
 RECORDING INSTRUMENTS

ENCELADUS

GS CELESTIAL BODIES
 . . . NATURAL SATELLITES
 . . . ICY SATELLITES
 . . . ENCLADUS
 . . . SATURN SATELLITES
 . . . ENCLADUS
 RT SATURN (PLANET)

ENCEKE COMET

GS CELESTIAL BODIES
 . . . COMETS
 . . . ENCKE COMET

ENERGETIC PARTICLES

GS PARTICLES
 . . . CHARGED PARTICLES
 . . . ENERGETIC PARTICLES
 . . . ELECTRONS
 . . . CONDUCTION ELECTRONS
 . . . HIGH ENERGY ELECTRONS
 . . . HOT ELECTRONS
 . . . N ELECTRONS
 . . . NEGATONS
 . . . PI-ELECTRONS
 . . . NUCLEI (NUCLEAR PHYSICS)
 . . . EVEN-EVEN NUCLEI
 . . . HEAVY NUCLEI
 . . . HYPERNUCLEI
 . . . ODD-EVEN NUCLEI
 . . . ODD-ODD NUCLEI
 . . . PLASMAS (PHYSICS)
 . . . ARGON PLASMA
 . . . BETA PARTICLES
 . . . BOUNDARY LAYER PLASMAS
 . . . COLD PLASMAS
 . . . COLLISIONAL PLASMAS
 . . . STRONGLY COUPLED PLASMAS
 . . . COLLISIONLESS PLASMAS
 . . . COSMIC PLASMA
 . . . CYLINDRICAL PLASMAS
 . . . DENSE PLASMAS
 . . . PLASMA FOCUS
 . . . STRONGLY COUPLED PLASMAS
 . . . ELECTRON PLASMA
 . . . ELLIPTICAL PLASMAS
 . . . HELIUM PLASMA
 . . . HIGH TEMPERATURE PLASMAS
 . . . HYDROGEN PLASMA
 . . . DEUTERIUM PLASMA
 . . . LASER PLASMAS
 . . . METALLIC PLASMAS
 . . . CESIUM PLASMA
 . . . MICROPLASMAS
 . . . NITROGEN PLASMA
 . . . NONEQUILIBRIUM PLASMAS

ENERGETIC PARTICLES-(CONT.)

. . . NONUNIFORM PLASMAS
 . . . OXYGEN PLASMA
 . . . RAREFIED PLASMAS
 . . . RELATIVISTIC PLASMAS
 . . . ROTATING PLASMAS
 . . . SEMICONDUCTOR PLASMAS
 . . . SPACE PLASMAS
 . . . SOLAR WIND
 . . . STELLAR WINDS
 . . . SPHERICAL PLASMAS
 . . . THERMAL PLASMAS
 . . . TOROIDAL PLASMAS
 RT GALACTIC COSMIC RAYS
 RADIO JETS (ASTRONOMY)
 SOLAR COSMIC RAYS

ENERGY DENSITY

USE FLUX DENSITY

ENERGY SPECTRA

GS SPECTRA
 . . . ENERGY SPECTRA
 . . . ELECTRONIC SPECTRA
 . . . NEUTRON SPECTRA
 RT ABSORPTION SPECTRA
 ELECTROMAGNETIC SPECTRA
 GAMMA RAY ASTRONOMY
 GRIST (TELESCOPE)
 MASS SPECTRA
 MOLECULAR SPECTRA
 PLASMA SPECTRA
 POWER SPECTRA
 RADIATION SPECTRA
 SHOCK SPECTRA
 SPECTRAL ENERGY DISTRIBUTION
 SPECTROPHOTOVOLTAICS
 VIBRATIONAL SPECTRA

ENSTATITE

GS CHALCOGENIDES
 . . . OXIDES
 . . . PYROXENES
 . . . ENSTATITE
 MAGNESIUM COMPOUNDS
 . . . ENSTATITE
 MINERALS
 . . . PYROXENES
 . . . ENSTATITE
 SILICON COMPOUNDS
 . . . SILICATES
 . . . PYROXENES
 . . . ENSTATITE
 RT CHONDRULE
 IGNEOUS ROCKS
 REGOLITH
 ROCKS
 SOILS

ENTRY

SN (USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED-CONSULT THE TERMS
 LISTED BELOW)
 RT ATMOSPHERIC ENTRY
 REENTRY

EPHEMERIDES

GS EPHEMERIDES
 . . . PLANET EPHEMERIDES
 RT ASTRONOMICAL CATALOGS
 CELESTIAL MECHANICS
 EPHEMERIS TIME
 ORBITS
 POSITION (LOCATION)

EPHEMERIS TIME

GS TIME
 . . . EPHEMERIS TIME
 RT EPHEMERIDES
 UNIVERSAL TIME

EQUATIONS OF MOTION

UF MOTION EQUATIONS
 GS EQUATIONS OF MOTION
 . . . EULER EQUATIONS OF MOTION
 . . . KINETIC EQUATIONS
 . . . HYDRODYNAMIC EQUATIONS
 . . . HELMHOLTZ VORTICITY EQUATION
 . . . KINEMATIC EQUATIONS
 . . . NAVIER-STOKES EQUATION
 . . . REYNOLDS EQUATION
 RT AUTONOMY
 BETHE-SALPETER EQUATION
 CELESTIAL MECHANICS
 CLASSICAL MECHANICS

EXPLORER 48 SATELLITE

EQUATIONS OF MOTION-(CONT.)

COMPUTATIONAL FLUID DYNAMICS
CONTINUITY EQUATION
CONTROL MOMENT GYROSCOPES
∞ DYNAMICS
EINSTEIN EQUATIONS
∞ EQUATIONS
EQUILIBRIUM EQUATIONS
HAMILTON-JACOBI EQUATION
INERTIA PRINCIPLE
KINEMATICS
LISSAJOUS FIGURES
MACH INERTIA PRINCIPLE
MOMENTS OF INERTIA
MOTION AFTEREFFECTS
SPINNING UNGUIDED ROCKET
TRAJECTORY
STABILITY
SYSTEMS STABILITY
TRAJECTORIES
TRAJECTORY ANALYSIS
VARIABLE MASS SYSTEMS
VON ZEIPPEL METHOD

EQUINOXES

RT SEASONS
SOLAR POSITION
SOLSTICES
WINTER

ESCAPE VELOCITY

UF PARABOLIC VELOCITY
GS RATES (PER TIME)
ESCAPE VELOCITY
VELOCITY
RT ∞ ESCAPE VELOCITY
HIGH SPEED
HYPERBOLIC TRAJECTORIES
∞ HYPERVELOCITY
ORBITAL VELOCITY
PLANETARY GRAVITATION
SCHWARZSCHILD METRIC
VELOCITY ERRORS

ESCARPMENTS

UF SCARPS
GS LANDFORMS
RT ESCARPMENTS
CLIFFS
SLOPES
TOPOGRAPHY

EUROPA

GS CELESTIAL BODIES
NATURAL SATELLITES
ICY SATELLITES
EUROPA
JUPITER SATELLITES
GAULILEAN SATELLITES
EUROPA
RT CHARON
JUPITER (PLANET)

EUROPEAN SPACE PROGRAMS

GS PROGRAMS
SPACE PROGRAMS
EUROPEAN SPACE PROGRAMS
RT AEROSAT SATELLITES
AMPTE (SATELLITES)
ARIANE LAUNCH VEHICLE
AZUR SATELLITE
COMMITTEE ON SPACE RESEARCH
COS-B SATELLITE
DIAL SATELLITE
EARTHNET
ESA SATELLITES
ESRO 1 SATELLITE
ESRO 2 SATELLITE
ESRO 4 SATELLITE
EUROPA LAUNCH VEHICLES
EUROPEAN COMMUNICATIONS
SATELLITE
EUROPEAN SPACE AGENCY
EXOSAT SATELLITE
FOREIGN POLICY
FRENCH SATELLITES
FRENCH SPACE PROGRAMS
GEOS SATELLITES (ESA)
HEOS SATELLITES
HIPPARCOS SATELLITE
INFRARED SPACE OBSERVATORY (ISO)
INTERNATIONAL MAGNETOSPHERIC
STUDY

EUROPEAN SPACE PROGRAMS-(CONT.)

INTERNATIONAL SATELLITE GEODESY
EXPERIMENT
IRIS SATELLITES
ITALIAN SPACE PROGRAM
MARECS MARITIME SATELLITES
METEOSAT SATELLITE
OTS (ESA)
QUASAT
SPACE MISSIONS
SWEDISH SPACE PROGRAM
SWISS SPACE PROGRAM
SYMPHONIE SATELLITES
U.S.S.R. SPACE PROGRAM

EUVE

USE EXTREME ULTRAVIOLET EXPLORER
SATELLITE

EVECTION

USE LUNAR ORBITS
ORBIT PERTURBATION
SOLAR GRAVITATION

EVENING

RT DAYTIME
NIGHT
SUNSET

EVOLUTION

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED-CONSULT THE TERMS
LISTED BELOW)
RT BIOGENY
CHEMICAL EVOLUTION
EVOLUTION (DEVELOPMENT)
EVOLUTION (LIBERATION)
EXISTENCE

EVOLUTION (DEVELOPMENT)

GS EVOLUTION (DEVELOPMENT)
BIOLOGICAL EVOLUTION
ABIOTIC EVOLUTION
CHEMICAL EVOLUTION
GALACTIC EVOLUTION
LUNAR EVOLUTION
PLANETARY EVOLUTION
STELLAR EVOLUTION
STAR FORMATION
STELLAR MASS ACCRETION
RT ∞ BIOLOGY
∞ DEVELOPMENT
∞ EVOLUTION
EXTINCTION
GENE EXPRESSION
GENETICS
GROWTH
HEREDITY
INTERSTELLAR EXTINCTION
ONTOGENY
SPECIES DIFFUSION

EXISTENCE

RT COSMOLOGY
∞ EVOLUTION
LIFE SPAN
VALIDITY

EXOBIOLOGY

UF ASTROBIOLOGY
SPACE BIOLOGY
RT AEROSPACE ENVIRONMENTS
APOLLO EXTENSION SYSTEM
BIOASTRONAUTICS
∞ BIOLOGY
CARBONACEOUS METEORITES
CHEMICAL EVOLUTION
ENVIRONMENT MODELS
EXTRATERRESTRIAL LIFE
LIFE SUPPORT SYSTEMS
LUNAR ENVIRONMENT
PANSPERMIA
PLANETARY ENVIRONMENTS
SPACECRAFT CONTAMINATION
SPACECRAFT ENVIRONMENTS
SPACECRAFT STERILIZATION

EXOSAT SATELLITE

UF HELOS (SATELLITE)
HIGH ECCENTRIC LUNAR OCCULTATION
SATELLITE
GS ARTIFICIAL SATELLITES
ESA SATELLITES
EXOSAT SATELLITE
SCIENTIFIC SATELLITES

EXOSAT SATELLITE-(CONT.)

EXOSAT SATELLITE
ESA SPACECRAFT
ESA SATELLITES
EXOSAT SATELLITE
RT ECCENTRIC ORBITS
EUROPEAN SPACE PROGRAMS
LUNAR OCCULTATION
X RAY ASTRONOMY
X RAY SOURCES

EXOSPHERE

SN (ALTITUDES ABOVE APPROXIMATELY
500 KM)
GS EARTH ATMOSPHERE
UPPER ATMOSPHERE
EXOSPHERE
RT EARTH IONOSPHERE
EARTH MAGNETOSPHERE
HETEROSPHERE
RADIATION BELTS
THERMOSPHERE

EXPEDITIONS

RT EXPLORATION
∞ MISSIONS
SPACE FLIGHT

EXPLORATION

UF DISCOVERING
PROSPECTING
GS EXPLORATION
LUNAR EXPLORATION
MINERAL EXPLORATION
OIL EXPLORATION
SPACE EXPLORATION
RT BOREHOLES
DETECTION
DRILLING
EXAMINATION
EXCAVATION
EXPEDITIONS
EXPERIMENTATION
EXPLOITATION
GEOLOGICAL SURVEYS
GEOLOGY
GEOTHERMAL TECHNOLOGY
INVESTIGATION
MINES (EXCAVATIONS)
OSS-1 PAYLOAD
RESEARCH
RESERVES
SAMPLING
SPACE FLIGHT
SURVEYS
UNDERGROUND ACOUSTICS

EXPLORER 11 SATELLITE

UF GAMMA RAY ASTRONOMY EXPLORER
GS ARTIFICIAL SATELLITES
SCIENTIFIC SATELLITES
EXPLORER SATELLITES
EXPLORER 11 SATELLITE
RT JUNO 2 LAUNCH VEHICLE

EXPLORER 18 SATELLITE

UF IMP-A
IMP-1
INTERPLANETARY EXPLORER
S-74 SATELLITE
GS ARTIFICIAL SATELLITES
LUNAR SATELLITES
EXPLORER 18 SATELLITE
SCIENTIFIC SATELLITES
EXPLORER SATELLITES
EXPLORER 18 SATELLITE
INTERPLANETARY SPACECRAFT
EXPLORER 18 SATELLITE
LUNAR SPACECRAFT
LUNAR SATELLITES
EXPLORER 18 SATELLITE
UNMANNED SPACECRAFT
SPACE PROBES
EXPLORER 18 SATELLITE
RT DELTA LAUNCH VEHICLE

EXPLORER 42 SATELLITE

USE UHURU SATELLITE

EXPLORER 48 SATELLITE

GS ARTIFICIAL SATELLITES
SCIENTIFIC SATELLITES
EXPLORER SATELLITES
EXPLORER 48 SATELLITE
RT SAS

EXPLORER 49 SATELLITE

EXPLORER 48 SATELLITE-(CONT.) SAS-2

EXPLORER 49 SATELLITE

UF RADIO ASTRONOMY EXPLORER B
RADIO ASTRONOMY EXPLORER 2
RAE B
RAE 1
RAE 2
GS ARTIFICIAL SATELLITES
SCIENTIFIC SATELLITES
EXPLORER SATELLITES
EXPLORER 49 SATELLITE
RT DELTA LAUNCH VEHICLE

EXPLORER 53 SATELLITE

GS ARTIFICIAL SATELLITES
SCIENTIFIC SATELLITES
EXPLORER SATELLITES
EXPLORER 53 SATELLITE
OBSERVATORIES
ASTRONOMICAL OBSERVATORIES
ASTRONOMICAL SATELLITES
SAS
EXPLORER 53 SATELLITE
RT SAS-3

EXPOS (SPACELAB PAYLOAD)

UF X RAY SPECTROPOLARIMETRY
PAYLOAD
GS PAYLOADS
EXPOS (SPACELAB PAYLOAD)
RT EUROPEAN SPACE AGENCY
SPACELAB

EXTARS

USE X RAY STARS

EXTENDED DURATION SPACE FLIGHT

USE LONG DURATION SPACE FLIGHT

EXTINCTION

GS EXTINCTION
INTERSTELLAR EXTINCTION
RT EVOLUTION (DEVELOPMENT)
EXTINGUISHING
FADING
FLUORESCENCE
LASER INDUCED FLUORESCENCE
NEMESIS (STAR)

EXTRAGALACTIC LIGHT

USE EXTRATERRESTRIAL RADIATION
LIGHT (VISIBLE RADIATION)

EXTRAGALACTIC MEDIA

USE INTERGALACTIC MEDIA

EXTRAGALACTIC RADIO SOURCES

GS CELESTIAL BODIES
RADIO SOURCES (ASTRONOMY)
EXTRAGALACTIC RADIO SOURCES
RADIO GALAXIES
RADIO JETS (ASTRONOMY)
RT BL LACERTAE OBJECTS
EXTRATERRESTRIAL RADIATION
EXTRATERRESTRIAL RADIO WAVES
QUASARS
RADIATION SOURCES
RADIO ASTRONOMY
RADIO EMISSION
SOURCES

EXTRASOLAR PLANETS

GS CELESTIAL BODIES
PLANETS
EXTRASOLAR PLANETS
RT GAS GIANT PLANETS
PLANETARY SYSTEMS

EXTRATERRESTRIAL ENVIRONMENTS

GS ENVIRONMENTS
EXTRATERRESTRIAL ENVIRONMENTS
CISLUNAR SPACE
DEEP SPACE
INTERPLANETARY SPACE
INTERSTELLAR SPACE
EARTH ORBITAL ENVIRONMENTS
LUNAR ENVIRONMENT
LUNAR ATMOSPHERE
PLANETARY ENVIRONMENTS
MARS ENVIRONMENT
MARS ATMOSPHERE
PLANETARY ATMOSPHERES

EXTRATERRESTRIAL ENVIRONMENTS-(CONT.)

HELIUM HYDROGEN
ATMOSPHERES
JUPITER ATMOSPHERE
MARS ATMOSPHERE
MERCURY ATMOSPHERE
NEPTUNE ATMOSPHERE
PLANETARY IONOSPHERES
PLUTO ATMOSPHERE
SATURN ATMOSPHERE
URANUS ATMOSPHERE
VENUS ATMOSPHERE
VENUS CLOUDS
PLANETARY MAGNETOSPHERES
SATELLITE ATMOSPHERES
LUNAR ATMOSPHERE
STELLAR ATMOSPHERES
CHROMOSPHERE
SOLAR ATMOSPHERE
RT AEROSPACE ENVIRONMENTS
HIGH GRAVITY ENVIRONMENTS
LONG DURATION SPACE FLIGHT
MERCURY SURFACE
SPACE EXPLORATION
SPACECRAFT ENVIRONMENTS
VENUS SURFACE

EXTRATERRESTRIAL INTELLIGENCE

GS INTELLIGENCE
EXTRATERRESTRIAL INTELLIGENCE
RT INTERSTELLAR COMMUNICATION
INTERSTELLAR TRAVEL
PROJECT SETI
SPACE COMMUNICATION
UNIDENTIFIED FLYING OBJECTS

EXTRATERRESTRIAL LIFE

GS LIFE SCIENCES
EXTRATERRESTRIAL LIFE
RT AEROSPACE ENVIRONMENTS
BIOSATELLITES
EXO BIOLOGY
GULLIVER PROGRAM
LIFE DETECTORS
PANSPERMIA

EXTRATERRESTRIAL MATTER

GS EXTRATERRESTRIAL MATTER
COSMIC GASES
INTERPLANETARY GAS
INTERSTELLAR GAS
NEUTRAL GASES
COSMIC PLASMA
INTERSTELLAR MATTER
DARK MATTER
INTERSTELLAR GAS
NEUTRAL GASES
RT COSMOCHEMISTRY
DEGENERATE MATTER
MATTER (PHYSICS)
VENUS FLY TRAP ROCKET VEHICLE

EXTRATERRESTRIAL RADIATION

UF EXTRAGALACTIC LIGHT
SPACE RADIATION
STELLAR DOPPLER SHIFT
GS EXTRATERRESTRIAL RADIATION
EXTRATERRESTRIAL RADIO WAVES
GALACTIC RADIO WAVES
NORTH POLAR SPUR (ASTRONOMY)
RADIO BURSTS
SOLAR RADIO BURSTS
TYPE 2 BURSTS
TYPE 3 BURSTS
TYPE 4 BURSTS
TYPE 5 BURSTS
SOLAR RADIO EMISSION
SOLAR RADIO BURSTS
TYPE 2 BURSTS
TYPE 3 BURSTS
TYPE 4 BURSTS
TYPE 5 BURSTS
GALACTIC RADIATION
GALACTIC COSMIC RAYS
GALACTIC RADIO WAVES
NORTH POLAR SPUR (ASTRONOMY)
GAMMA RAY BURSTS
GEGENSCHNEID
INTERSTELLAR RADIATION
LUNAR RADIATION
PLANETARY RADIATION
PRIMARY COSMIC RAYS
SOLAR COSMIC RAYS
SOLAR RADIATION
CIRCUMSOLAR RADIATION

EXTRATERRESTRIAL RADIATION-(CONT.)

SOLAR CORPUSCULAR RADIATION
SOLAR ELECTRONS
SOLAR NEUTRINOS
SOLAR NEUTRONS
SOLAR PROTONS
SOLAR COSMIC RAYS
SOLAR RADIO EMISSION
SOLAR RADIO BURSTS
TYPE 2 BURSTS
TYPE 3 BURSTS
TYPE 4 BURSTS
TYPE 5 BURSTS
SOLAR WIND
SOLAR X-RAYS
SUNLIGHT
STELLAR RADIATION
STELLAR WINDS
ZODIACAL LIGHT
RT AEROSPACE ENVIRONMENTS
AEROSPACE SCIENCES
ATMOSPHERIC RADIATION
BACKGROUND RADIATION
CORPUSCULAR RADIATION
COSMIC RAYS
COSMIC X RAYS
EARTH ORBITAL ENVIRONMENTS
ELECTROMAGNETIC NOISE
ELECTROMAGNETIC RADIATION
ELECTRON ACCELERATION
EXTRAGALACTIC RADIO SOURCES
LIGHT (VISIBLE RADIATION)
LYMAN ALPHA RADIATION
LYMAN BETA RADIATION
MICROWAVE EMISSION
POLARIZED ELECTROMAGNETIC
RADIATION
POLARIZED RADIATION
RADIATION
RADIATION BELTS
RADIATIVE TRANSFER
RADIO JETS (ASTRONOMY)
RADIO WAVES
RAYS
RELIC RADIATION
SYNCHROTRON RADIATION
SYSTEM GENERATED
ELECTROMAGNETIC PULSES
TERRESTRIAL RADIATION
X RAYS

EXTRATERRESTRIAL RADIO WAVES

UF COSMIC RADIO WAVES
GS ELECTROMAGNETIC RADIATION
RADIO WAVES
EXTRATERRESTRIAL RADIO WAVES
GALACTIC RADIO WAVES
RADIO BURSTS
SOLAR RADIO BURSTS
TYPE 2 BURSTS
TYPE 3 BURSTS
TYPE 4 BURSTS
TYPE 5 BURSTS
SOLAR RADIO EMISSION
SOLAR RADIO BURSTS
TYPE 2 BURSTS
TYPE 3 BURSTS
TYPE 4 BURSTS
TYPE 5 BURSTS
EXTRATERRESTRIAL RADIATION
EXTRATERRESTRIAL RADIO WAVES
GALACTIC RADIO WAVES
NORTH POLAR SPUR (ASTRONOMY)
RADIO BURSTS
SOLAR RADIO BURSTS
TYPE 2 BURSTS
TYPE 3 BURSTS
TYPE 4 BURSTS
TYPE 5 BURSTS
SOLAR RADIO EMISSION
SOLAR RADIO BURSTS
TYPE 2 BURSTS
TYPE 3 BURSTS
TYPE 4 BURSTS
TYPE 5 BURSTS
RT CENTIMETER WAVES
EXTRAGALACTIC RADIO SOURCES
MICROWAVE EMISSION
MICROWAVES
MILLIMETER WAVES
RADIO ASTRONOMY
RADIO EMISSION
RADIO FREQUENCY INTERFERENCE
RADIO JETS (ASTRONOMY)
RADIO SOURCES (ASTRONOMY)

EXTRATERRESTRIAL RESOURCES

GS RESOURCES
 . EXTRATERRESTRIAL RESOURCES
 RT LUNAR EXPLORATION
 PLANETARY BASES
 SPACE EXPLORATION
 SPACE LOGISTICS

EXTRATERRESTRIAL ROVING VEHICLES

USE ROVING VEHICLES

EXTREME ULTRAVIOLET EXPLORER SATELLITE

UF EUVE
 GS ARTIFICIAL SATELLITES
 . SCIENTIFIC SATELLITES
 . EXPLORER SATELLITES
 . . . EXTREME ULTRAVIOLET EXPLORER SATELLITE
 RT IUE
 ULTRAVIOLET ASTRONOMY

EXTREME ULTRAVIOLET RADIATION

GS ELECTROMAGNETIC RADIATION
 . ULTRAVIOLET RADIATION
 . . EXTREME ULTRAVIOLET RADIATION
 IONIZING RADIATION
 . ULTRAVIOLET RADIATION
 . . EXTREME ULTRAVIOLET RADIATION
 BEAMS (RADIATION)
 RT MAGELLAN ULTRAVIOLET ASTRONOMY SATELLITE
 . RADIATION
 . . SOLAR RADIATION

F

F DISPLAYS

USE F REGION

F LAYER

USE F REGION

F REGION

SN (ALTITUDES ABOVE APPROXIMATELY 160 KM)
 UF F DISPLAYS
 F LAYER
 NIGHT F LAYER
 GS EARTH ATMOSPHERE
 . UPPER ATMOSPHERE
 . . EARTH IONOSPHERE
 . . . UPPER IONOSPHERE
 F REGION
 F 1 REGION
 F 2 REGION
 REGIONS
 . F REGION
 . . F 1 REGION
 . . F 2 REGION
 RT PLASMA BUBBLES

F STARS

GS CELESTIAL BODIES
 . STARS
 . . F STARS
 RT DWARF STARS
 G STARS
 GIANT STARS
 MAIN SEQUENCE STARS
 STELLAR SPECTRA

F 1 REGION

GS EARTH ATMOSPHERE
 . UPPER ATMOSPHERE
 . . EARTH IONOSPHERE
 . . . UPPER IONOSPHERE
 F REGION
 F 1 REGION
 REGIONS
 . F REGION
 . . F 1 REGION

F 2 REGION

GS EARTH ATMOSPHERE
 . UPPER ATMOSPHERE
 . . EARTH IONOSPHERE
 . . . UPPER IONOSPHERE
 F REGION
 F 2 REGION
 REGIONS
 . F REGION

F 2 REGION-(CONT.)

RT SPREAD F
 TRANSEQUATORIAL PROPAGATION

FABRY-PEROT SPECTROMETERS

GS MEASURING INSTRUMENTS
 . RADIATION MEASURING INSTRUMENTS
 . . FABRY-PEROT SPECTROMETERS
 . . . SPECTROMETERS
 FABRY-PEROT SPECTROMETERS
 RT ACTINOMETERS
 AIRGLOW
 AURORAL SPECTROSCOPY
 OPTICAL EQUIPMENT
 OPTICAL MEASURING INSTRUMENTS

FACULAE

UF PLAGES (FACULAE)
 SOLAR FACULAE
 GS STELLAR ACTIVITY
 . SOLAR ACTIVITY
 . . FACULAE
 RT . ACTIVITY
 CHROMOSPHERE
 PHOTOSPHERE
 STARSPOTS
 SUNSPOTS

FAINT OBJECT CAMERA

GS OPTICAL EQUIPMENT
 . CAMERAS
 . . FAINT OBJECT CAMERA
 PHOTOGRAPHIC EQUIPMENT
 . CAMERAS
 . . FAINT OBJECT CAMERA
 RT ASTRONOMICAL PHOTOGRAPHY
 HUBBLE SPACE TELESCOPE
 INFRARED PHOTOGRAPHY
 OPTICAL MEASURING INSTRUMENTS
 SPACEBORNE ASTRONOMY
 SPACEBORNE TELESCOPES
 ULTRAVIOLET PHOTOGRAPHY

FAINT OBJECTS

GS CELESTIAL BODIES
 . FAINT OBJECTS
 RT GALAXIES
 STARS

FAR INFRARED RADIATION

SN (30 MICRONS TO ABOUT 1000 MICRONS)
 GS ELECTROMAGNETIC RADIATION
 . INFRARED RADIATION
 . . FAR INFRARED RADIATION
 RT LONG WAVE RADIATION
 NEAR INFRARED RADIATION
 . RADIATION
 RADIO WAVES
 SHORT WAVE RADIATION
 SUBMILLIMETER WAVES
 TERRESTRIAL RADIATION

FAR ULTRAVIOLET RADIATION

SN (200 TO 2000 ANGSTROMS)
 UF VACUUM ULTRAVIOLET RADIATION
 GS ELECTROMAGNETIC RADIATION
 . ULTRAVIOLET RADIATION
 . . FAR ULTRAVIOLET RADIATION
 . . . LYMAN ALPHA RADIATION
 . . . LYMAN BETA RADIATION
 IONIZING RADIATION
 . ULTRAVIOLET RADIATION
 . . FAR ULTRAVIOLET RADIATION
 . . . LYMAN ALPHA RADIATION
 . . . LYMAN BETA RADIATION
 RT BREMSSTRAHLUNG
 MAGELLAN ULTRAVIOLET ASTRONOMY SATELLITE
 NEAR ULTRAVIOLET RADIATION
 . RADIATION
 ULTRAVIOLET TELESCOPES
 X RAYS

FERMI-DIRAC STATISTICS

RT BOSONS
 DEGENERATE MATTER
 FERMIONS
 QUANTUM MECHANICS
 QUANTUM STATISTICS
 . STATISTICS

FIELD OF VIEW

GS VIEWING
 . FIELD OF VIEW

FIELD OF VIEW-(CONT.)

RT BEARING (DIRECTION)
 CONICAL SCANNING
 ELEVATION ANGLE
 . FIELDS
 LOOK ANGLES (TRACKING)
 VISUAL FIELDS

FIELD THEORY (PHYSICS)

UF AMBIT
 FORCE FIELDS
 WIGHTMAN THEORY
 GS FIELD THEORY (PHYSICS)
 . GRAND UNIFIED THEORY
 . . UNIFIED FIELD THEORY
 . . QUANTUM CHROMODYNAMICS
 . . INSTANTONS
 . . STRONG INTERACTIONS (FIELD THEORY)
 . . WEAK INTERACTIONS (FIELD THEORY)
 RT ANTENNA RADIATION PATTERNS
 ATTRACTION
 BOSON FIELDS
 CLOSURE LAW
 CROSSED FIELDS
 DIRAC EQUATION
 DISTRIBUTION (PROPERTY)
 . DYNAMICS
 ELECTROMAGNETIC FIELDS
 FAR FIELDS
 . FIELDS
 FLOW DISTRIBUTION
 FLUX (RATE)
 FLUX DENSITY
 FUNCTION SPACE
 GEOMAGNETISM
 GRAVITATIONAL FIELDS
 GREEN'S FUNCTIONS
 LIGHT-CONE EXPANSION
 MAGNETIC FIELD INVERSIONS
 MAGNETIC FIELDS
 MAGNETOSTATIC FIELDS
 MANY BODY PROBLEM
 MULTIPOLAR FIELDS
 NUCLEAR PHYSICS
 NULL ZONES
 . PHYSICS
 POMERANCHUK THEOREM
 POTENTIAL FIELDS
 PRESSURE DISTRIBUTION
 QUANTUM ELECTRODYNAMICS
 QUANTUM THEORY
 RADIATION DISTRIBUTION
 RELATIVITY
 SELF CONSISTENT FIELDS
 SOUND FIELDS
 STRING THEORY
 SUPERGRAVITY
 SUPERSYMMETRY
 TEMPERATURE DISTRIBUTION
 TENSORS
 . THEORIES
 TRAVELING CHARGE
 YANG-MILLS FIELDS
 YANG-MILLS THEORY
 ZERO POINT ENERGY

FILAMENTS (SOLAR PHYSICS)

USE SOLAR PROMINENCES

FILTER WHEEL INFRARED SPECTROMETERS

GS MEASURING INSTRUMENTS
 . OPTICAL MEASURING INSTRUMENTS
 . . INFRARED SPECTROMETERS
 . . . FILTER WHEEL INFRARED SPECTROMETERS
 . . . SPECTROMETERS
 . . . INFRARED SPECTROMETERS
 FILTER WHEEL INFRARED SPECTROMETERS
 OPTICAL EQUIPMENT
 . OPTICAL MEASURING INSTRUMENTS
 . . INFRARED SPECTROMETERS
 . . . FILTER WHEEL INFRARED SPECTROMETERS
 RT EBERT SPECTROMETERS
 . FILTERS
 INFRARED SPECTROPHOTOMETERS
 SOLAR SPECTROMETERS

FILTERGRAMS

RT OPTICAL FILTERS
 SOLAR INSTRUMENTS
 SOLAR PHYSICS
 SOLAR SPECTRA

FIREBALLS

∞ FIREBALLS

- SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
- RT BOLIDES
NUCLEAR EXPLOSIONS

FLAMES

- UF JET FLAMES
LAMINAR FLAMES
- GS FLAMES
... DIFFUSION FLAMES
... PREMIXED FLAMES
- RT COMBUSTION
FIRE DAMAGE
FIREBREAKS
FIRES
FLAME HOLDERS
FLAME PROPAGATION
- ∞ FLARES
FOREST FIRES
FUELS
SMOG

FLARE STARS

- UF UV CETI STARS
- GS CELESTIAL BODIES
... STARS
... LATE STARS
... COOL STARS
... FLARE STARS
... MAIN SEQUENCE STARS
... DWARF STARS
... FLARE STARS
... VARIABLE STARS
... FLARE STARS
- RT CATAclysmic VARIABLES
M STARS
SOLAR FLARES
STELLAR ACTIVITY
STELLAR FLARES
SYMBIOTIC STARS

∞ FLASH

- SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
- UF LIGHT DURATION
- RT ELECTRIC DISCHARGES
EXPLOSIONS
FLASH WELDING
FLASHING (VAPORIZING)
LIGHT (VISIBLE RADIATION)
RADIOGRAPHY
SOLAR FLARES

∞ FLIGHT

- SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
- UF FLYING
HIGH ALTITUDE FLIGHT
HIGH SPEED FLIGHT
- RT AERODYNAMICS
- ∞ AERONAUTICS
BALLOON FLIGHT
CLIMBING FLIGHT
COASTING FLIGHT
CRUISING FLIGHT
FLIGHT ALTITUDE
FLIGHT CONTROL
FLIGHT MECHANICS
FLIGHT OPTIMIZATION
FLIGHT PATHS
FLIGHT SAFETY
FLIGHT TESTS
FLIGHT TIME
FREE FLIGHT
GLIDING
HORIZONTAL FLIGHT
HYPERSONIC FLIGHT
LONG DURATION SPACE FLIGHT
LUNAR FLIGHT
METEOROLOGICAL FLIGHT
PARABOLIC FLIGHT
ROCKET FLIGHT
SOARING
SPACE FLIGHT
STEERING
SUBORBITAL FLIGHT
SUPERSONIC FLIGHT
TRAJECTORIES
TRANSOCEANIC FLIGHT
TRANSONIC FLIGHT
TURNING FLIGHT

FLIGHT-(CONT.)

- VERTICAL FLIGHT
VISUAL FLIGHT

FLUX (RATE PER UNIT AREA)

- USE FLUX DENSITY

FLUX (RATE)

- SN (LIMITED TO THE TOTAL EMANATION OF
ENERGY, MATERIAL OR PARTICLES
FROM A SINGLE SOURCE PER UNIT
TIME--SEE FLUX DENSITY FOR ENERGY,
MATERIAL OR PARTICLE RATE PER
UNIT AREA)
- UF ELECTRON FLUX
NEUTRON FLUX
PARTICLE FLUX
- GS RATES (PER TIME)
... FLUX (RATE)
... HEAT FLUX
... MAGNETIC FLUX
... SOLAR FLUX
- RT BETA PARTICLES
BRIGHTNESS
CORPUSCULAR RADIATION
DOSIMETERS
ELECTROMAGNETIC RADIATION
EMITTANCE
- ∞ ENERGY
FIELD THEORY (PHYSICS)
FLUX DENSITY
GAMMA RAYS
- ∞ INTENSITY
LEVEL (QUANTITY)
LUMINOUS INTENSITY
MAGNETIC CIRCUITS
MAGNETIC INDUCTION
MAGNETOSTATICS
PARTICLE BEAMS
PARTICLE DIFFUSION
- ∞ POWER
RADIANT FLUX DENSITY
- ∞ RADIATION
STEFAN-BOLTZMANN LAW

FLUX DENSITY

- SN (LIMITED TO ENERGY, MATERIAL OR
PARTICLE RATE PER UNIT AREA, THE
QUANTITY USUALLY MEASURED--SEE
FLUX (RATE) FOR TOTAL EMANATION
FROM A SINGLE SOURCE PER UNIT
TIME)
- UF DENSITY (RATE/AREA)
ENERGY DENSITY
FLUX (RATE PER UNIT AREA)
FLUX MAPPING
- GS RATES (PER TIME)
... FLUX DENSITY
... CURRENT DENSITY
... PHOTON DENSITY
... RADIANT FLUX DENSITY
... IRRADIANCE
... ILLUMINANCE
... SOLAR CONSTANT
... LUMENS
... LUMINOUS INTENSITY
... ILLUMINANCE
... LUMINANCE
... PARTICLE FLUX DENSITY
... ELECTRON FLUX DENSITY
... NEUTRON FLUX DENSITY
... PROTON FLUX DENSITY
... RADIANCE
... RADIANCY
... SOLAR FLUX DENSITY
... SOLAR CONSTANT
... SOUND INTENSITY
... ZERO SOUND
- RT ALPHA PARTICLES
ANGULAR DISTRIBUTION
ATOM CONCENTRATION
- ∞ DENSITY
DOSIMETERS
ELECTROMAGNETIC RADIATION
- ∞ ENERGY
ENERGY DISTRIBUTION
FIELD INTENSITY METERS
FIELD STRENGTH
FIELD THEORY (PHYSICS)
FLUX (RATE)
GAMMA RAYS
HEAT FLUX
- ∞ INTENSITY
IRRADIATION
LEVEL (QUANTITY)

FLUX DENSITY-(CONT.)

- LOUDNESS
MASS DISTRIBUTION
METEOROID CONCENTRATION
ONSAGER PHENOMENOLOGICAL
COEFFICIENT
- ∞ POWER
POWER SPECTRA
PROTONS
- ∞ RADIATION
RADIATION DISTRIBUTION
RADIATION HAZARDS
REMANENCE
SCATTERING FUNCTIONS
SOLAR MAXIMUM MISSION
SOUND PRESSURE
SPECTRA
X RAY DENSITY MEASUREMENT

FLUX MAPPING

- USE FLUX DENSITY
MAPPING

FLYBY MISSIONS

- GS SPACE MISSIONS
... FLYBY MISSIONS
... ASTEROID MISSIONS
... GIOTTO MISSION
... GRAND TOURS
... MARINER JUPITER-SATURN FLYBY
... MARINER JUPITER-URANUS FLYBY
... VOYAGER 1977 MISSION
... MARINER VENUS-MERCURY 1973
... MARINER-MERCURY 1973
- RT GALILEO PROJECT
GALILEO SPACECRAFT
INTERPLANETARY FLIGHT
LONG DURATION SPACE FLIGHT
LUNAR FLIGHT
MARINER MARK 2 SPACECRAFT
MARINER PROGRAM
- ∞ MISSIONS
OUTER PLANETS EXPLORERS
SPACE FLIGHT
SWINGBY TECHNIQUE
TOPS (SPACECRAFT)
VEGA PROJECT
VOYAGER 1 SPACECRAFT
VOYAGER 2 SPACECRAFT

FLYING

- USE FLIGHT

FORBUSH DECREASES

- UF FORBUSH EFFECT
COSMIC RAYS
- RT ∞ EFFECTS
MAGNETIC STORMS
SOLAR FLARES
SOLAR FURNACES
SOLAR STORMS

FORBUSH EFFECT

- USE FORBUSH DECREASES

FORCE FIELDS

- USE FIELD THEORY (PHYSICS)

FOREIGN BODIES

- RT AIRCRAFT HAZARDS
- ∞ BODIES
INJURIES
METEORITES

FORMYL IONS

- GS IONS
... MOLECULAR IONS
... FORMYL IONS
... POSITIVE IONS
... CATIONS
... FORMYL IONS
RADICALS
... FORMYL IONS
- RT ATMOSPHERIC CHEMISTRY
FORMATES
FORMIC ACID
HYDROXYL RADICALS
INTERSTELLAR CHEMISTRY
INTERSTELLAR MATTER

FOSSIL METEORITE CRATERS

- USE FOSSILS
METEORITE CRATERS

FOUR BODY PROBLEM
 RT CELESTIAL MECHANICS
 MANY BODY PROBLEM
 ORBITS
 PERTURBATION
 ∞ PROBLEMS
 ∞ THREE BODY PROBLEM

FRAUNHOFER LINES
 GS SPECTRA
 . RADIATION SPECTRA
 . . ABSORPTION SPECTRA
 . . . FRAUNHOFER LINES
 . . . ELECTROMAGNETIC SPECTRA
 . . . LINE SPECTRA
 . . . FRAUNHOFER LINES
 . SPECTRAL BANDS
 . . ABSORPTION SPECTRA
 . . . FRAUNHOFER LINES
 RT ABSORPTION SPECTROSCOPY
 OPTOGALVANIC SPECTROSCOPY
 SOLAR SPECTRA

FREE ATMOSPHERE
 GS EARTH ATMOSPHERE
 . FREE ATMOSPHERE
 RT BIOSPHERE
 MIDDLE ATMOSPHERE
 PRIMITIVE EARTH ATMOSPHERE

FRENCH SPACE PROGRAMS
 GS PROGRAMS
 . SPACE PROGRAMS
 . . FRENCH SPACE PROGRAMS
 RT EOLE SATELLITES
 EUROPEAN SPACE PROGRAMS
 FRANCE
 GEOLE SATELLITES
 HERMES MANNED SPACEPLANE
 INTERNATIONAL COOPERATION
 METEOSAT SATELLITE
 ∞ RESEARCH PROJECTS
 SPACE EXPLORATION
 SPACE MISSIONS
 ∞ SPACECRAFT
 ∞ SRET SATELLITES
 SRET 1 SATELLITE

FREQUENCY SHIFT
 RT BRILLOUIN EFFECT
 DOPPLER EFFECT
 DOPPLER-FIZEAU EFFECT
 GYROTRONISM
 ∞ SHIFT

FROST
 RT BAY ICE
 DEW
 FREEZING
 ICE
 LOW TEMPERATURE

FROZEN SOILS
 USE PERMAFROST

G

G STARS
 GS CELESTIAL BODIES
 . STARS
 . . G STARS
 . . . SUN
 RT DWARF STARS
 F STARS
 GIANT STARS
 MAIN SEQUENCE STARS
 STELLAR SPECTRA

GALACTIC CLUSTERS
 GS CELESTIAL BODIES
 . GALAXIES
 . . GALACTIC CLUSTERS
 . . . LOCAL GROUP (ASTRONOMY)
 ANDROMEDA GALAXY
 VIRGO GALACTIC CLUSTER
 RT AGGLOMERATION
 ∞ CLUSTERS
 COOLING FLOWS (ASTROPHYSICS)
 DISK GALAXIES
 ELLIPTICAL GALAXIES
 METALLICITY

GALACTIC CLUSTERS-(CONT.)
 MISSING MASS (ASTROPHYSICS)
 STAR CLUSTERS
 STAR DISTRIBUTION
 STELLAR SYSTEMS

GALACTIC COSMIC RAYS
 GS EXTRATERRESTRIAL RADIATION
 . GALACTIC RADIATION
 . . GALACTIC COSMIC RAYS
 . . . IONIZING RADIATION
 . . . COSMIC RAYS
 . . . GALACTIC COSMIC RAYS
 RT ENERGETIC PARTICLES
 SOLAR ACTIVITY EFFECTS
 SOLAR WIND

GALACTIC EVOLUTION
 GS EVOLUTION (DEVELOPMENT)
 . GALACTIC EVOLUTION
 RT ASTROPHYSICS
 BIG BANG COSMOLOGY
 COOLING FLOWS (ASTROPHYSICS)
 COSMOLOGY
 DARK MATTER
 DISK GALAXIES
 GALACTIC MASS
 STAR DISTRIBUTION
 STAR FORMATION RATE
 STELLAR EVOLUTION
 STELLAR MASS ACCRETION

GALACTIC MAGNETIC FIELDS
 USE INTERSTELLAR MAGNETIC FIELDS

GALACTIC MASS
 GS MASS
 . GALACTIC MASS
 RT GALACTIC EVOLUTION
 GALACTIC STRUCTURE
 MASS DISTRIBUTION
 STELLAR MASS

GALACTIC NUCLEI
 GS GALACTIC NUCLEI
 . ACTIVE GALACTIC NUCLEI
 RT ABSORPTION SPECTRA
 ACCRETION DISKS
 ACTIVE GALAXIES
 DISK GALAXIES
 RADIO JETS (ASTRONOMY)
 RADIO SOURCES (ASTRONOMY)
 SEYFERT GALAXIES
 STARBURST GALAXIES

GALACTIC RADIATION
 GS EXTRATERRESTRIAL RADIATION
 . GALACTIC RADIATION
 . . GALACTIC COSMIC RAYS
 . . . GALACTIC RADIO WAVES
 NORTH POLAR SPUR (ASTRONOMY)
 RT ACTIVE GALACTIC NUCLEI
 ACTIVE GALAXIES
 BRIGHTNESS DISTRIBUTION
 CORPUSCULAR RADIATION
 COSMIC NOISE
 COSMIC RAYS
 COSMIC X RAYS
 ELECTROMAGNETIC RADIATION
 GAMMA RAY ASTRONOMY
 GAMMA RAY BURSTS
 HUBBLE DIAGRAM
 INTERSTELLAR RADIATION
 IRREGULAR GALAXIES
 MASS TO LIGHT RATIOS
 NONTHERMAL RADIATION
 ∞ RADIATION
 RADIATIVE TRANSFER
 SOLAR RADIATION 1 SATELLITE
 SOLAR RADIATION 3 SATELLITE
 STELLAR RADIATION
 UHURU SATELLITE

GALACTIC RADIATION EXP BACKGROUND SATS
 USE GREB SATELLITES

GALACTIC RADIO WAVES
 GS ELECTROMAGNETIC RADIATION
 . RADIO WAVES
 . . EXTRATERRESTRIAL RADIO WAVES
 . . . GALACTIC RADIO WAVES
 EXTRATERRESTRIAL RADIATION
 EXTRATERRESTRIAL RADIO WAVES
 . . . GALACTIC RADIO WAVES
 NORTH POLAR SPUR (ASTRONOMY)

GALACTIC RADIO WAVES-(CONT.)
 . GALACTIC RADIATION
 . . GALACTIC RADIO WAVES
 . . . NORTH POLAR SPUR (ASTRONOMY)
 RT COSMIC NOISE
 RADIO JETS (ASTRONOMY)

GALACTIC ROTATION
 RT COROTATION
 DISK GALAXIES
 HYDROGEN CLOUDS
 IRREGULAR GALAXIES
 STELLAR MOTIONS
 STELLAR SYSTEMS
 VELOCITY DISTRIBUTION

GALACTIC STRUCTURE
 RT BARRED GALAXIES
 COROTATION
 DENSITY WAVE MODEL
 DISK GALAXIES
 GALACTIC MASS
 GALAXIES
 IRREGULAR GALAXIES
 MISSING MASS (ASTROPHYSICS)
 STELLAR SYSTEMS
 ∞ STRUCTURES

GALAXIES
 GS CELESTIAL BODIES
 . GALAXIES
 . . ACTIVE GALAXIES
 . . . MARKARIAN GALAXIES
 . . . RADIO GALAXIES
 . . . SEYFERT GALAXIES
 . . . DISK GALAXIES
 . . . DWARF GALAXIES
 . . . ELLIPTICAL GALAXIES
 . . . GALACTIC CLUSTERS
 LOCAL GROUP (ASTRONOMY)
 ANDROMEDA GALAXY
 VIRGO GALACTIC CLUSTER
 . . . IRREGULAR GALAXIES
 . . . MAFFEI GALAXIES
 . . . MAGELLANIC CLOUDS
 . . . SPIRAL GALAXIES
 . . . BARRED GALAXIES
 . . . MILKY WAY GALAXY
 . . . STARBURST GALAXIES
 RT BL LACERTAE OBJECTS
 FAINT OBJECTS
 GALACTIC STRUCTURE
 GUM NEBULA
 HUBBLE CONSTANT
 HUBBLE DIAGRAM
 METALLICITY
 NEBULAE
 ORION NEBULA
 QUASARS
 RADIO SOURCES (ASTRONOMY)
 RED SHIFT
 STAR CLUSTERS
 STAR FORMATION RATE
 STARS
 STELLAR SYSTEMS

GALILEAN SATELLITES
 GS CELESTIAL BODIES
 . NATURAL SATELLITES
 . . JUPITER SATELLITES
 . . . GALILEAN SATELLITES
 CALLISTO
 EUROPA
 GANYMEDE
 IO
 RT CHARON
 GALILEO PROJECT
 GALILEO SPACECRAFT
 ICY SATELLITES
 JUPITER (PLANET)
 TRITON

GALILEO MISSION
 USE GALILEO PROJECT

GALILEO PROBE
 GS INTERPLANETARY SPACECRAFT
 . JUPITER PROBES
 . . GALILEO PROBE
 . . . UNMANNED SPACECRAFT
 SPACE PROBES
 JUPITER PROBES
 . . . GALILEO PROBE
 RT JUPITER (PLANET)
 ∞ PROBES

GALILEO PROJECT

GALILEO PROBE-(CONT.)

∞ SPACECRAFT

GALILEO PROJECT

UF GALILEO MISSION
GS PROGRAMS
.. NASA PROGRAMS
.. NASA SPACE PROGRAMS
.. GALILEO PROJECT
.. PROJECTS
.. GALILEO PROJECT
.. SPACE PROGRAMS
.. NASA SPACE PROGRAMS
.. GALILEO PROJECT
RT AMPHITRITE ASTEROID
ATMOSPHERIC ENTRY
FLYBY MISSIONS
GALILEAN SATELLITES
JUPITER ATMOSPHERE
JUPITER PROBES

GALILEO SPACECRAFT

GS INTERPLANETARY SPACECRAFT
.. JUPITER PROBES
.. GALILEO SPACECRAFT
UNMANNED SPACECRAFT
.. SPACE PROBES
.. JUPITER PROBES
.. GALILEO SPACECRAFT
RT FLYBY MISSIONS
GALILEAN SATELLITES
JUPITER (PLANET)
∞ MISSIONS
∞ SPACECRAFT

GAMMA RADIATION

USE GAMMA RAYS

GAMMA RAY ASTRONOMY

GS ASTRONOMY
.. GAMMA RAY ASTRONOMY
RT ASTROPHYSICS
COSMIC X RAYS
ENERGY SPECTRA
GALACTIC RADIATION
GAMMA RAY BURSTS
GAMMA RAY TELESCOPES
RADIO ASTRONOMY
X RAY ASTRONOMY

GAMMA RAY ASTRONOMY EXPLORER

USE EXPLORER 11 SATELLITE

GAMMA RAY BURSTS

UF COSMIC GAMMA RAY BURSTS
GS BURSTS
.. GAMMA RAY BURSTS
ELECTROMAGNETIC RADIATION
.. GAMMA RAYS
.. GAMMA RAY BURSTS
EXTRATERRESTRIAL RADIATION
.. GAMMA RAY BURSTS
IONIZING RADIATION
.. COSMIC RAYS
.. GAMMA RAY BURSTS
.. GAMMA RAYS
.. GAMMA RAY BURSTS
NUCLEAR RADIATION
.. GAMMA RAYS
.. GAMMA RAY BURSTS
RT BIG BANG COSMOLOGY
BREMSSTRAHLUNG
CERENKOV RADIATION
COSMIC X RAYS
GALACTIC RADIATION
GAMMA RAY ASTRONOMY
INTERSTELLAR RADIATION
NUCLEAR PARTICLES
RADIANT FLUX DENSITY
STELLAR RADIATION
X RAY ASTRONOMY

GAMMA RAY OBSERVATORY

GS ARTIFICIAL SATELLITES
.. SCIENTIFIC SATELLITES
.. ASTRONOMICAL SATELLITES
.. GAMMA RAY OBSERVATORY
OBSERVATORIES
.. ASTRONOMICAL OBSERVATORIES
.. ASTRONOMICAL SATELLITES
.. GAMMA RAY OBSERVATORY
RT GAMMA RAY TELESCOPES
OGO
SPACEBORNE ASTRONOMY
SPACEBORNE TELESCOPES

GAMMA RAY SPECTRA

GS SPECTRA
.. RADIATION SPECTRA
.. ELECTROMAGNETIC SPECTRA
.. GAMMA RAY SPECTRA
RT EMISSION SPECTRA
IONIZING RADIATION

GAMMA RAY SPECTROMETERS

GS MEASURING INSTRUMENTS
.. SPECTROMETERS
.. GAMMA RAY SPECTROMETERS
RT OPTICAL MEASUREMENT
SOLAR MAXIMUM MISSION
SPECTRA
SPECTRUM ANALYSIS

GAMMA RAY TELESCOPES

GS TELESCOPES
.. GAMMA RAY TELESCOPES
RT COSMIC RAYS
GAMMA RAY ASTRONOMY
GAMMA RAY OBSERVATORY

GAMMA RAYS

SN (EMITTED BY NUCLEI)
UF GAMMA RADIATION
GS ELECTROMAGNETIC RADIATION
.. GAMMA RAYS
.. GAMMA RAY BURSTS
IONIZING RADIATION
.. GAMMA RAYS
.. GAMMA RAY BURSTS
NUCLEAR RADIATION
.. GAMMA RAYS
.. GAMMA RAY BURSTS
RT BREMSSTRAHLUNG
CERENKOV RADIATION
COSMIC RAYS
COSMIC X RAYS
DECAY
EMISSION SPECTRA
FLUX (RATE)
FLUX DENSITY
MONOCHROMATIC RADIATION
MOSSBAUER EFFECT
PHOTOMAGNETIC EFFECTS
PHOTONS
∞ RADIATION
RADIATION EFFECTS
RADIATION SHIELDING
RADIOACTIVE DECAY
RADIOACTIVITY
∞ RAYS
TRANSVERSE OSCILLATION
TRANSVERSE WAVES
X RAYS

GANYMEDE

GS CELESTIAL BODIES
.. NATURAL SATELLITES
.. ICY SATELLITES
.. GANYMEDE
.. JUPITER SATELLITES
.. GALILEAN SATELLITES
.. GANYMEDE
RT CALLISTO
CHARON
IO
JUPITER (PLANET)

GAS GIANT PLANETS

GS CELESTIAL BODIES
.. PLANETS
.. GAS GIANT PLANETS
.. JUPITER (PLANET)
.. NEPTUNE (PLANET)
.. SATURN (PLANET)
.. URANUS (PLANET)
RT EXTRASOLAR PLANETS
JUPITER RED SPOT
NEPTUNE ATMOSPHERE
PLANETARY COMPOSITION
SATURN RINGS
SOLAR SYSTEM
URANUS ATMOSPHERE

GAUGE INVARIANCE

GS INVARIANCE
.. GAUGE INVARIANCE
RT ELECTROMAGNETIC RADIATION
SUPERGRAVITY
TRANSFORMATIONS (MATHEMATICS)

GEGENSCHIEIN

GS ELECTROMAGNETIC RADIATION
.. LIGHT (VISIBLE RADIATION)
.. GEGENSCHIEIN
EXTRATERRESTRIAL RADIATION
.. GEGENSCHIEIN
RT NIGHT SKY
POLARIZED LIGHT
SKY BRIGHTNESS
SOLAR RADIATION
TERRESTRIAL DUST BELT
ZODIACAL LIGHT

GEIGER COUNTERS

UF GEIGER-MUELLER TUBES
GS IONIZATION CHAMBERS
.. GEIGER COUNTERS
MEASURING INSTRUMENTS
.. COUNTERS
.. RADIATION COUNTERS
.. GEIGER COUNTERS
.. RADIATION MEASURING INSTRUMENTS
.. RADIATION COUNTERS
.. GEIGER COUNTERS
RT DOSIMETERS
NEUTRON COUNTERS
OVERVOLTAGE
PARTICLE TELESCOPES
PROPORTIONAL COUNTERS
RADIATION DETECTORS

GEIGER-MUELLER TUBES

USE GEIGER COUNTERS

GEMINID METEOROIDS

GS CELESTIAL BODIES
.. METEOROID SHOWERS
.. GEMINID METEOROIDS
.. METEOROIDS
.. GEMINID METEOROIDS

GEO ENVIRONMENTS

USE EARTH ORBITAL ENVIRONMENTS

GEOASTROPHYSICS

USE ASTROPHYSICS
GEOPHYSICS

GEOCORONAL EMISSIONS

GS ATMOSPHERIC RADIATION
.. SKY RADIATION
.. AIRGLOW
.. GEOCORONAL EMISSIONS
ELECTROMAGNETIC RADIATION
.. LIGHT (VISIBLE RADIATION)
.. SKY RADIATION
.. AIRGLOW
.. GEOCORONAL EMISSIONS

GEODESY

UF EARTH FIGURE
EARTH SHAPE
IZSAK ELLIPSOID
GS GEODESY
.. CELESTIAL GEODESY
RT ALTIMETRY
EARTH (PLANET)
EARTH AXIS
GEODETIC ACCURACY
GEODETIC SURVEYS
GEOIDS
GEOLOGY
GEOPHYSICS
GRAVIMETERS
LUNAR RETROREFLECTORS
OBLATE SPHEROIDS
OGO-4
OGO-5
PERTURBATION
PHOTOMAPPING
POLAR WANDERING (GEOLOGY)
SATELLITE ALTIMETRY
SATELLITE DOPPLER POSITIONING
TOPOGRAPHY
VINI THEORY

GEODYNAMICS

UF CRUSTAL DYNAMICS
RT CRUSTAL FRACTURES
∞ DYNAMICS
EARTH MOVEMENTS
GEOMORPHOLOGY
GEOPHYSICS
PLANETARY QUAKES
SHOCK WAVES

GRAVITATIONAL EFFECTS

GEODYNAMICS-(CONT.) TERRADYNAMICS

GEOMAGNETIC CROTCHETS
USE SUDDEN IONOSPHERIC DISTURBANCES

GEOMAGNETIC FIELD
USE GEOMAGNETISM

GEOMAGNETIC HOLLOW
GS ANOMALIES
 . MAGNETIC ANOMALIES
 . . . **GEOMAGNETIC HOLLOW**
RT EARTH MAGNETOSPHERE
MAGNETOHYDRODYNAMIC FLOW
PLASMA CLOUDS

GEOMAGNETIC STORMS
USE MAGNETIC STORMS

GEOMAGNETIC TAIL
GS ENVIRONMENTS
 . EARTH MAGNETOSPHERE
 . . . **GEOMAGNETIC TAIL**
RT GEOMAGNETISM
MAGNETIC FIELDS
PLANETARY MAGNETIC FIELDS
POLAR CUSPS

GEOMAGNETICALLY TRAPPED PARTICLES
USE RADIATION BELTS

GEOMAGNETISM
UF GEOMAGNETIC FIELD
TERRESTRIAL MAGNETISM
GS MAGNETIC FIELDS
 . **GEOMAGNETISM**
MAGNETIC PROPERTIES
 . **GEOMAGNETISM**
RT AEROMAGNETISM
BARIUM ION CLOUDS
CONTINENTAL DRIFT
DYNAMO THEORY
EARTH (PLANET)
EARTH GRAVITATION
EARTH MAGNETOSPHERE
ELECTROJETS
FIELD THEORY (PHYSICS)
GEOMAGNETIC LATITUDE
GEOMAGNETIC PULSATIONS
GEOMAGNETIC TAIL
GEOPHYSICS
 . INCLINATION
INTERNATIONAL MAGNETOSPHERIC
STUDY
KP INDEX
M REGION
MAGNETIC ANOMALIES
MAGNETIC DISTURBANCES
MAGNETIC EFFECTS
MAGNETIC EQUATOR
MAGNETIC POLES
MAGNETIC SURVEYS
MAGNETOIONICS
MAGNETOMETERS
MAGNETOSHEATH
MAGSAT A SATELLITE
MAGSAT B SATELLITE
MAGSAT SATELLITES
MAGSAT 1 SATELLITE
PALEOMAGNETISM
PLANETARY MAGNETIC FIELDS
POLAR CUSPS
SPACE PLASMAS
VARIOMETERS

GEOMETRICAL HYDROMAGNETICS
USE MAGNETOHYDRODYNAMICS

GEOMETRODYNAMICS
USE RELATIVITY

**GEOSYNCHRONOUS EARTH ORBITAL
ENVIRONMENTS**
USE EARTH ORBITAL ENVIRONMENTS

GEOSYNCHRONOUS ORBITS
GS ORBITS
 . SPACECRAFT ORBITS
 . . . SATELLITE ORBITS
 . . . **GEOSYNCHRONOUS ORBITS**
RT CIRCULAR ORBITS
EQUATORIAL ORBITS
INFRARED ASTRONOMY SATELLITE

GEOSYNCHRONOUS ORBITS-(CONT.)
STATIONARY ORBITS
SYNCHRONOUS PLATFORMS
TWENTY-FOUR HOUR ORBITS

GEP TELESCOPES
USE PARTICLE TELESCOPES

GERMAN INFRARED LABORATORY
GS TELESCOPES
 . SPACEBORNE TELESCOPES
 . . . **GERMAN INFRARED LABORATORY**
RT PAYLOADS
SPACE SHUTTLES
SPACELAB
WEST GERMANY

GIACOBINI-ZINNER COMET
GS CELESTIAL BODIES
 . COMETS
 . . . **GIACOBINI-ZINNER COMET**
RT DRACONID METEORIODS

GIANT STARS
GS CELESTIAL BODIES
 . STARS
 . . . **GIANT STARS**
 . . . ASYMPTOTIC GIANT BRANCH
 . . . STARS
 . . . OMICRON CETI STAR
 . . . RED GIANT STARS
 . . . CARBON STARS
RT COOL STARS
F STARS
G STARS
K STARS
LATE STARS
M STARS
MAIN SEQUENCE STARS
S STARS
SUBGIANT STARS
SUPERGIANT STARS

GIOTTO MISSION
GS ESA SPACECRAFT
 . **GIOTTO MISSION**
SPACE MISSIONS
 . FLYBY MISSIONS
 . . . **GIOTTO MISSION**
UNMANNED SPACECRAFT
 . SPACE PROBES
 . . . **GIOTTO MISSION**
RT HALLEY'S COMET

GLOBULAR CLUSTERS
GS CELESTIAL BODIES
 . STAR CLUSTERS
 . . . **GLOBULAR CLUSTERS**
 . . . HORIZONTAL BRANCH STARS
RT . CLUSTERS
COLOR-MAGNITUDE DIAGRAM
METALLICITY
STAR DISTRIBUTION

GLOW
USE LUMINESCENCE

GODDARD EXPERIMENT PACKAGE TELESCOPE
USE PARTICLE TELESCOPES

GRAND TOURS
UF OUTER PLANET MISSIONS
GS SPACE MISSIONS
 . FLYBY MISSIONS
 . . . **GRAND TOURS**
 . . . MARINER JUPITER-SATURN FLYBY
 . . . MARINER JUPITER-URANUS FLYBY
 . . . VOYAGER 1977 MISSION
RT . MISSIONS
OUTER PLANETS EXPLORERS
SPACE FLIGHT
VOYAGER 1 SPACECRAFT
VOYAGER 2 SPACECRAFT

GRAND UNIFIED THEORY
UF GUT
GS FIELD THEORY (PHYSICS)
 . **GRAND UNIFIED THEORY**
 . . . UNIFIED FIELD THEORY
RT ASTROPHYSICS
BIG BANG COSMOLOGY
BROKEN SYMMETRY
COSMOLOGY
EINSTEIN EQUATIONS

GRAND UNIFIED THEORY-(CONT.)
ELECTROMAGNETIC FIELDS
ELECTROMAGNETIC INTERACTIONS
ELECTROMAGNETISM
GRAVITATION THEORY
GRAVITATIONAL FIELDS
PARTICLE THEORY
PLASMA PHYSICS
RELATIVITY
STRING THEORY
STRONG INTERACTIONS (FIELD
THEORY)
SUPERSYMMETRY
SYMMETRY
THEORETICAL PHYSICS
WEAK ENERGY INTERACTIONS
WEAK INTERACTIONS (FIELD THEORY)

GRAVITATION
UF GRAVITY
GS **GRAVITATION**
 . ARTIFICIAL GRAVITY
 . EARTH GRAVITATION
 . GRAVITY ANOMALIES
 . LUNAR GRAVITATION
 . PLANETARY GRAVITATION
 . REDUCED GRAVITY
 . STELLAR GRAVITATION
 . . . SOLAR GRAVITATION
RT ANTIGRAVITY
DRAG
ENVIRONMENTS
GEOPOTENTIAL RESEARCH MISSION
GRAVIMETERS
GRAVITATIONAL CONSTANT
GRAVITATIONAL EFFECTS
GRAVITATIONAL FIELDS
GRAVITATIONAL WAVES
GRAVITY GRADIOMETERS
HIGH GRAVITY ENVIRONMENTS
ISOSTASY
LOW WEIGHT
LUNAR GRAVITY SIMULATOR
PENDULUMS
ROCHE LIMIT
SIMILITUDE LAW
SPACECRAFT ENVIRONMENTS
TERMINAL VELOCITY
WEIGHT (MASS)
WEIGHTLESSNESS

GRAVITATION THEORY
GS **GRAVITATION THEORY**
 . SUPERGRAVITY
RT BIMETRIC THEORIES
GAUGE THEORY
GRAND UNIFIED THEORY
GRAVITATIONAL FIELDS
GRAVITATIONAL WAVE ANTENNAS
GRAVITONS
GRAVITONS
STRING THEORY
SUPERSYMMETRY
 . THEORIES
UNIFIED FIELD THEORY

GRAVITATIONAL COLLAPSE
GS **GRAVITATIONAL COLLAPSE**
 . WHITE HOLES (ASTRONOMY)
RT ASTROPHYSICS
BLACK HOLES (ASTRONOMY)
NAKED SINGULARITIES
NEUTRAL CURRENTS
QUASARS
RELATIVISTIC PLASMAS
STELLAR CORES
STELLAR INTERIORS
STELLAR SYSTEMS
SUPERNOVAE

GRAVITATIONAL CONSTANT
GS CONSTANTS
 . **GRAVITATIONAL CONSTANT**
RT BIG BANG COSMOLOGY

GRAVITATIONAL EFFECTS
GS **GRAVITATIONAL EFFECTS**
 . GRAVITATIONAL LENSES
 . LAGRANGIAN EQUILIBRIUM POINTS
 . LUNAR GRAVITATIONAL EFFECTS
RT ACCELERATION STRESSES
 (PHYSIOLOGY)
ACCELERATION TOLERANCE
DROP TOWERS
 . EFFECTS

GRAVITATIONAL LENSES

GRAVITATIONAL EFFECTS-(CONT.)

GEOTROPISM
GRAVITATIONAL PHYSIOLOGY
GRAVITROPISM
GRAVITY PROBE B
LANGLEY COMPLEX COORDINATOR
LOWER BODY NEGATIVE PRESSURE
ORBITAL RESONANCES (CELESTIAL MECHANICS)
REISSNER-NORDSTROM SOLUTION
STELLAR MASS ACCRETION
STELLAR SYSTEMS
SWINGBY TECHNIQUE
WEIGHTLESSNESS

GRAVITATIONAL LENSES

GS GRAVITATIONAL EFFECTS
GRAVITATIONAL LENSES
LENSES
RT GRAVITATIONAL LENSES
BLACK HOLES (ASTRONOMY)
FOCUSING
GRAVITATIONAL FIELDS
LIGHT SCATTERING
NEUTRON STARS
RELATIVISTIC EFFECTS
RELATIVITY
STELLAR GRAVITATION
WHITE HOLES (ASTRONOMY)

GRAVITATIONAL RADIATION

USE GRAVITATIONAL WAVES

GRAVITATIONAL WAVES

UF GRAVITATIONAL RADIATION
RT CELESTIAL BODIES
CELESTIAL MECHANICS
EARTH-MOON SYSTEM
GRAVITY WAVES
∞ RADIATION
∞ WAVES

GRAVITINOS

GS PARTICLES
ELEMENTARY PARTICLES
GRAVITINOS
NEUTRAL PARTICLES
GRAVITINOS
RT BARYONS
COSMOLOGY
DECOUPLING
GRAVITATION THEORY
GRAVITONS
NEUTRINOS
PARTICLE MASS
SUPERGRAVITY
WEAK ENERGY INTERACTIONS

GRAVITY

USE GRAVITATION

GRAVITY ASSIST TRAJECTORIES

USE SWINGBY TECHNIQUE

GRAZING INCIDENCE SOLAR TELESCOPE

USE GRIST (TELESCOPE)

GRAZING INCIDENCE TELESCOPES

GS TELESCOPES
GRAZING INCIDENCE TELESCOPES
GRIST (TELESCOPE)
RT GRAZING INCIDENCE
X RAY ASTRONOMY
X RAY TELESCOPES

GREB SATELLITES

SN (GALACTIC RADIATION EXPERIMENTAL BACKGROUND SATELLITES)
UF GALACTIC RADIATION EXP BACKGROUND SATS
GS ARTIFICIAL SATELLITES
GREB SATELLITES

GREENHOUSE EFFECT

RT ATMOSPHERIC HEAT BUDGET
ATMOSPHERIC RADIATION
CLIMATE CHANGE
EARTH ATMOSPHERE
EFFECTS
ENVIRONMENT EFFECTS
INSOLATION
TERRESTRIAL RADIATION
THERMAL RADIATION
VENUS CLOUDS

GRIGG-SKJELLERUP COMET

GS CELESTIAL BODIES
COMETS
GRIGG-SKJELLERUP COMET
RT COMA
COMET TAILS
SOLAR SYSTEM
SOLAR WIND

GRIST (TELESCOPE)

UF GRAZING INCIDENCE SOLAR TELESCOPE
GS TELESCOPES
GRAZING INCIDENCE TELESCOPES
GRIST (TELESCOPE)
RT ENERGY SPECTRA
SOLAR COSMIC RAYS
SPACELAB
SUN

GROUND TRACKS

GS GROUND TRACKS
SATELLITE GROUND TRACKS
RT AREA NAVIGATION
FLIGHT PATHS
GREAT CIRCLES
ORBITS
PATHS
TRACKS

GROUND WIND

GS WIND (METEOROLOGY)
GROUND WIND
RT AIR CURRENTS
ATMOSPHERIC CIRCULATION
CYCLONES
GUST LOADS
GUSTS
MONSOONS
SQUALLS
STORMS (METEOROLOGY)
TORNADOES
WIND DIRECTION
WIND EFFECTS
WIND EROSION
WIND PRESSURE
WIND PROFILES
WIND SHEAR
WIND VELOCITY
WINDMILLS (WINDPOWERED MACHINES)
WINDPOWER UTILIZATION
WINDPOWERED GENERATORS

GUM NEBULA

GS CELESTIAL BODIES
NEBULAE
GUM NEBULA
RT GALAXIES
IRREGULAR GALAXIES
ORION NEBULA

GUT

USE GRAND UNIFIED THEORY

H

H ALPHA LINE

GS SPECTRA
RADIATION SPECTRA
ELECTROMAGNETIC SPECTRA
LINE SPECTRA
H LINES
H ALPHA LINE
RT ABSORPTION SPECTRA
EMISSION SPECTRA
H II REGIONS
SOLAR SPECTRA

H BETA LINE

GS SPECTRA
RADIATION SPECTRA
ELECTROMAGNETIC SPECTRA
LINE SPECTRA
H LINES
H BETA LINE
RT ABSORPTION SPECTRA
BALMER SERIES
EMISSION SPECTRA
SOLAR SPECTRA

H GAMMA LINE

GS SPECTRA
RADIATION SPECTRA
ELECTROMAGNETIC SPECTRA
LINE SPECTRA
H LINES
H GAMMA LINE
RT ABSORPTION SPECTRA
BALMER SERIES
EMISSION SPECTRA
SOLAR SPECTRA

H I REGIONS

GS CELESTIAL BODIES
NEBULAE
H I REGIONS
HYDROGEN CLOUDS
H I REGIONS
RT CLOUDS
HYDROGEN ATOMS
INTERSTELLAR GAS
INTERSTELLAR MATTER
NEUTRAL ATOMS
NEUTRAL GASES
RADIO SPECTRA

H II REGIONS

GS CELESTIAL BODIES
NEBULAE
H II REGIONS
HYDROGEN CLOUDS
H II REGIONS
RT CLOUDS
EMISSION SPECTRA
H ALPHA LINE
HYDROGEN IONS
INTERSTELLAR GAS
INTERSTELLAR MATTER
IONIZED GASES

H LINES

SN (EXCLUDES SURFACES OF CONSTANT MAGNETIC FIELD STRENGTH)
GS SPECTRA
RADIATION SPECTRA
ELECTROMAGNETIC SPECTRA
LINE SPECTRA
H LINES
H ALPHA LINE
H BETA LINE
H GAMMA LINE
RT ABSORPTION SPECTRA
BALMER SERIES
D LINES
EMISSION SPECTRA
K LINES
LYMAN SPECTRA
PASCHEN SERIES
RYDBERG SERIES
SOLAR SPECTRA
TELLURIC LINES

H WAVES

GS ELECTROMAGNETIC RADIATION
H WAVES
OSCILLATIONS
TRANSVERSE OSCILLATION
H WAVES
TRANSVERSE WAVES
H WAVES
RT ELECTRIC FIELD STRENGTH

HALLEY'S COMET

GS CELESTIAL BODIES
COMETS
HALLEY'S COMET
RT GIOTTO MISSION
SOLAR SYSTEM
VEGA PROJECT

HALO ORBIT SPACE STATION

GS ARTIFICIAL SATELLITES
SPACE STATIONS
HALO ORBIT SPACE STATION
STATIONS
SPACE STATIONS
HALO ORBIT SPACE STATION
RT LUNAR SPACECRAFT

HALOE

USE HALOGEN OCCULTATION EXPERIMENT

HALOGEN OCCULTATION EXPERIMENT

UF HALOE
GS PAYLOADS

HALOGEN OCCULTATION EXPERIMENT-(CONT.)

SPACE SHUTTLE PAYLOADS
 . HALOGEN OCCULTATION
 EXPERIMENT
 RT OZONE
 HALOS
 GS SCATTERING
 . WAVE SCATTERING
 . ELECTROMAGNETIC SCATTERING
 . . . LIGHT SCATTERING
 HALOS
 TRANSMISSION
 . ELECTROMAGNETIC WAVE
 TRANSMISSION
 . . . LIGHT TRANSMISSION
 . . . LIGHT SCATTERING
 HALOS
 . WAVE PROPAGATION
 . . . LIGHT SCATTERING
 HALOS
 RT ASTRONOMY
 ATMOSPHERIC SCATTERING
 CORONAS
 HAZE
 IMAGES
 RAINBOWS

HALPHEN METHOD
 RT ∞ METHODOLOGY

HAMILTON-JACOBI EQUATION
 RT ∞ EQUATIONS
 EQUATIONS OF MOTION
 HAMILTONIAN FUNCTIONS
 RELATIVISTIC PARTICLES

HANSEN LUNAR THEORY
 RT EARTH ORBITS
 ORBITAL MECHANICS
 PERTURBATION THEORY
 ∞ THEORIES

HARD LANDING
 GS LANDING
 . HARD LANDING
 RT AIRCRAFT LANDING
 CRASH LANDING
 LUNAR LANDING
 PLANETARY LANDING
 SOFT LANDING
 SPACECRAFT LANDING
 WATER LANDING

HARLETON METEORITE
 GS CELESTIAL BODIES
 . METEORITES
 . . HARLETON METEORITE
 RT IRON METEORITES
 STONY METEORITES

HAWKEYE SATELLITES
 GS ARTIFICIAL SATELLITES
 . SCIENTIFIC SATELLITES
 . . HAWKEYE SATELLITES

HEAO
 UF HIGH ENERGY ASTRONOMY
 OBSERVATORIES
 GS OBSERVATORIES
 . ASTRONOMICAL OBSERVATORIES
 . . ASTRONOMICAL SATELLITES
 . . . HEAO
 HEAO 1
 HEAO 2
 HEAO 3
 RT OAO

HEAO A
 USE HEAO 1

HEAO B
 USE HEAO 2

HEAO C
 USE HEAO 3

HEAO 1
 UF HEAO A
 HIGH ENERGY ASTRONOMY
 OBSERVATORY A
 HIGH ENERGY ASTRONOMY
 OBSERVATORY 1
 GS OBSERVATORIES

HEAO 1-(CONT.)

ASTRONOMICAL OBSERVATORIES
 . ASTRONOMICAL SATELLITES
 . . HEAO
 . . . HEAO 1
 UNMANNED SPACECRAFT
 . HEAO 1
 RT OAO

HEAO 2
 UF EINSTEIN OBSERVATORY
 HEAO B
 HIGH ENERGY ASTRONOMY
 OBSERVATORY B
 HIGH ENERGY ASTRONOMY
 OBSERVATORY 2
 GS OBSERVATORIES
 . ASTRONOMICAL OBSERVATORIES
 . . ASTRONOMICAL SATELLITES
 . . . HEAO
 HEAO 2
 UNMANNED SPACECRAFT
 . HEAO 2
 RT OAO

HEAO 3
 UF HEAO C
 HIGH ENERGY ASTRONOMY
 OBSERVATORY C
 HIGH ENERGY ASTRONOMY
 OBSERVATORY 3
 GS OBSERVATORIES
 . ASTRONOMICAL OBSERVATORIES
 . . ASTRONOMICAL SATELLITES
 . . . HEAO
 HEAO 3
 UNMANNED SPACECRAFT
 . HEAO 3
 RT OAO

HEAT BALANCE
 RT ATMOSPHERIC HEAT BUDGET
 BALANCE
 BOILERS
 COMBUSTION
 MATERIAL BALANCE
 PYROMETALLURGY
 THERMOCHEMICAL PROPERTIES
 THERMOCHEMISTRY
 THERMODYNAMIC PROPERTIES

HEAVY COSMIC RAY PRIMARIES
 USE HEAVY NUCLEI
 PRIMARY COSMIC RAYS

HEAVY NUCLEI
 UF HEAVY COSMIC RAY PRIMARIES
 GS PARTICLES
 . CHARGED PARTICLES
 . . ENERGETIC PARTICLES
 . . . NUCLEI (NUCLEAR PHYSICS)
 HEAVY NUCLEI
 RT PRIMARY COSMIC RAYS

HELIOCENTRIC ORBITS
 USE SOLAR ORBITS

HELIOGRAPHS
 USE SPECTROHELIOGRAPHS

HELIOGRAPHY
 USE SPECTROHELIOGRAPHS

HELIOMAGNETISM
 USE SOLAR MAGNETIC FIELD

HELIOMETERS
 UF HELIOMETRY
 GS MEASURING INSTRUMENTS
 . HELIOMETERS
 . . PYROHELIOMETERS
 OPTICAL EQUIPMENT
 . HELIOMETERS
 . . PYROHELIOMETERS
 TELESCOPES
 . HELIOMETERS
 . . PYROHELIOMETERS

HELIOMETRY
 USE HELIOMETERS
 PYROHELIOMETERS

HELIOS A
 GS ARTIFICIAL SATELLITES

HELIOS A-(CONT.)

HELIOS SATELLITES
 . HELIOS A
 UNMANNED SPACECRAFT
 . SPACE PROBES
 . . SOLAR PROBES
 . . . HELIOS A

HELIOS B
 GS ARTIFICIAL SATELLITES
 . HELIOS SATELLITES
 . . HELIOS B
 UNMANNED SPACECRAFT
 . SPACE PROBES
 . . SOLAR PROBES
 . . . HELIOS B

HELIOS PROJECT
 GS PROGRAMS
 . NASA PROGRAMS
 . . NASA SPACE PROGRAMS
 . . . HELIOS PROJECT
 PROJECTS
 HELIOS PROJECT
 SPACE PROGRAMS
 NASA SPACE PROGRAMS
 HELIOS PROJECT
 RT CHARGED PARTICLES
 HIGH TEMPERATURE PLASMAS
 SOLAR PROBES
 ZODIACAL LIGHT

HELIOS SATELLITES
 GS ARTIFICIAL SATELLITES
 . HELIOS SATELLITES
 . . HELIOS A
 . . HELIOS B
 . . HELIOS 1
 . . HELIOS 2
 RT MAGNETIC FIELDS
 PARTICLE FLUX DENSITY
 SOLAR FLUX DENSITY

HELIOS 1
 GS ARTIFICIAL SATELLITES
 . HELIOS SATELLITES
 . . HELIOS 1
 UNMANNED SPACECRAFT
 . SPACE PROBES
 . . SOLAR PROBES
 . . . HELIOS 1

HELIOS 2
 GS ARTIFICIAL SATELLITES
 . HELIOS SATELLITES
 . . HELIOS 2
 UNMANNED SPACECRAFT
 . SPACE PROBES
 . . SOLAR PROBES
 . . . HELIOS 2

HELIOSEISMOLOGY
 UF SOLAR DYNAMICS
 SOLAR SEISMOLOGY
 GS SEISMOLOGY
 . HELIOSEISMOLOGY
 RT ASTROPHYSICS
 ∞ SCIENCE
 SOLAR INTERIOR
 SOLAR PHYSICS

HELIOSPHERE
 RT COSMIC RAYS
 INTERPLANETARY SPACE
 INTERSTELLAR GAS
 SOLAR ACTIVITY EFFECTS
 SOLAR WIND

HELIOSTATS
 RT ∞ INSTRUMENTS
 MIRRORS
 REFLECTORS
 SERVOMOTORS
 SOLAR REFLECTORS
 SYNCHRONIZERS

HELIUM AFTERGLOW
 GS AFTERGLOWS
 . HELIUM AFTERGLOW
 RT GAS IONIZATION
 PLASMA DECAY

HELIUM STARS
 USE B STARS

HELOS (SATELLITE)

HELOS (SATELLITE)
USE EXOSAT SATELLITE

HERBIG-HARO OBJECTS

GS CELESTIAL BODIES
NEBULAE
HERBIG-HARO OBJECTS
RT B STARS
∞ BODIES
INFRARED SOURCES (ASTRONOMY)
INFRARED STARS
STELLAR RADIATION
STELLAR SPECTRA
T TAURI STARS

HERCULES NOVA

GS CELESTIAL BODIES
STARS
VARIABLE STARS
NOVAE
HERCULES NOVA
RT DWARF NOVAE

HERTZSPRUNG-RUSSELL DIAGRAM

UF HR DIAGRAM
GS DIAGRAMS
HERTZSPRUNG-RUSSELL DIAGRAM
RT ASYMPTOTIC GIANT BRANCH STARS
COLOR-COLOR DIAGRAM
COLOR-MAGNITUDE DIAGRAM
HORIZONTAL BRANCH STARS
STELLAR EVOLUTION
STELLAR LUMINOSITY
STELLAR SPECTRA

HERZBERG BANDS

GS SPECTRA
RADIATION SPECTRA
ABSORPTION SPECTRA
HERZBERG BANDS
SPECTRAL BANDS
ABSORPTION SPECTRA
HERZBERG BANDS
RT ∞ BANDS
OXYGEN SPECTRA
SCHUMANN-RUNGE BANDS
ULTRAVIOLET SPECTRA

HETEROSPHERE

GS EARTH ATMOSPHERE
HETEROSPHERE
ENVIRONMENTS
HETEROSPHERE
RT CHEMOSPHERE
EARTH IONOSPHERE
EARTH MAGNETOSPHERE
EXOSPHERE
LOWER ATMOSPHERE
MIDDLE ATMOSPHERE
THERMOSPHERE
UPPER ATMOSPHERE

HIGH ALTITUDE FLIGHT

USE FLIGHT
HIGH ALTITUDE

HIGH ECCENTRIC LUNAR OCCULTATION SATELLITE

USE EXOSAT SATELLITE

HIGH ENERGY ASTRONOMY OBSERVATORIES

USE HEO

HIGH ENERGY ASTRONOMY OBSERVATORY A

USE HEO 1

HIGH ENERGY ASTRONOMY OBSERVATORY B

USE HEO 2

HIGH ENERGY ASTRONOMY OBSERVATORY C

USE HEO 3

HIGH ENERGY ASTRONOMY OBSERVATORY 1

USE HEO 1

HIGH ENERGY ASTRONOMY OBSERVATORY 2

USE HEO 2

HIGH ENERGY ASTRONOMY OBSERVATORY 3

USE HEO 3

HIGH GRAVITY (ACCELERATION)

USE HIGH GRAVITY ENVIRONMENTS

HIGH GRAVITY ENVIRONMENTS

UF HIGH GRAVITY (ACCELERATION)
GS ENVIRONMENTS
HIGH GRAVITY ENVIRONMENTS
RATES (PER TIME)
ACCELERATION (PHYSICS)
HIGH GRAVITY ENVIRONMENTS
RT ∞ ACCELERATION
CENTRIFUGES
EXTRATERRESTRIAL ENVIRONMENTS
GRAVITATION
HUMAN CENTRIFUGES
REDUCED GRAVITY
ROTATING ENVIRONMENTS

HIGH LATITUDES

USE POLAR REGIONS

HIGH SPEED

UF HIGH SPEED FLIGHT
GS RATES (PER TIME)
HIGH SPEED
VELOCITY
HIGH SPEED
RT AIRSPEED
ESCAPE VELOCITY
GROUND SPEED
HYPERSONIC SPEED
LANDING SPEED
LIGHT SPEED
RELATIVISTIC VELOCITY
ROTOR SPEED
SUPERSONIC SPEED

HIGH SPEED FLIGHT

USE FLIGHT
HIGH SPEED

HIGH VACUUM ORBITAL SIMULATOR

UF HIVOS (SIMULATOR)
GS SIMULATORS
ENVIRONMENT SIMULATORS
SPACE SIMULATORS
HIGH VACUUM ORBITAL
SIMULATOR
RT SPACE ENVIRONMENT SIMULATION

HILL CURVES

USE HILL METHOD

HILL LUNAR THEORY

RT EARTH ORBITS
ORBITAL MECHANICS
PERTURBATION THEORY
∞ THEORIES

HILL METHOD

UF HILL CURVES
RT EARTH ORBITS
∞ METHODOLOGY
ORBITAL MECHANICS
PERTURBATION THEORY

HIPPARCOS SATELLITE

GS ARTIFICIAL SATELLITES
ESA SATELLITES
HIPPARCOS SATELLITE
ESA SPACECRAFT
ESA SATELLITES
HIPPARCOS SATELLITE
RT ASTROMETRY
EUROPEAN SPACE PROGRAMS
SPACEBORNE ASTRONOMY
STELLAR MOTIONS
STELLAR PARALLAX

HIVOS (SIMULATOR)

USE HIGH VACUUM ORBITAL SIMULATOR

HODOGRAPHS

RT CHAPLYGIN EQUATION
KINEMATICS
VECTOR SPACES

HODOSCOPES

GS MEASURING INSTRUMENTS
RADIATION MEASURING INSTRUMENTS
HODOSCOPES
RT RADIATION COUNTERS

HOHMANN TRAJECTORIES

USE ELLIPTICAL ORBITS
TRANSFER ORBITS

HOHMANN TRANSFER ORBITS

USE ELLIPTICAL ORBITS
TRANSFER ORBITS

HOMOSPHERE

GS EARTH ATMOSPHERE
HOMOSPHERE
RT BIOSPHERE
CHEMOSPHERE
EARTH IONOSPHERE
LOWER ATMOSPHERE
MESOSPHERE
MIDDLE ATMOSPHERE
OZONOSPHERE
STRATOSPHERE
THERMOSPHERE
TROPOSPHERE
UPPER ATMOSPHERE

HORIZONTAL BRANCH STARS

GS CELESTIAL BODIES
STAR CLUSTERS
GLOBULAR CLUSTERS
HORIZONTAL BRANCH STARS
RT COLOR-MAGNITUDE DIAGRAM
HERTZSPRUNG-RUSSELL DIAGRAM
STELLAR EVOLUTION
STELLAR LUMINOSITY
STELLAR SPECTRA
STELLAR SPECTROPHOTOMETRY

HOT STARS

GS CELESTIAL BODIES
STARS
EARLY STARS
HOT STARS
A STARS
B STARS
SIGMA ORIONIS
BLUE STARS
O STARS
WHITE DWARF STARS
WOLF-RAYET STARS
RT CATAclysmic VARIABLES
PECULIAR STARS
RED DWARF STARS

HR DIAGRAM

USE HERTZSPRUNG-RUSSELL DIAGRAM

HUBBLE CONSTANT

GS CONSTANTS
HUBBLE CONSTANT
RT COSMOLOGY
GALAXIES
IRREGULAR GALAXIES
RED SHIFT
VELOCITY MEASUREMENT

HUBBLE DIAGRAM

GS COSMOLOGY
HUBBLE DIAGRAM
RT BARRED GALAXIES
GALACTIC RADIATION
GALAXIES
IRREGULAR GALAXIES
RED SHIFT
VELOCITY MEASUREMENT

HUBBLE SPACE TELESCOPE

UF LARGE SPACE TELESCOPE
LST
SPACE TELESCOPE
GS ARTIFICIAL SATELLITES
SCIENTIFIC SATELLITES
ASTRONOMICAL SATELLITES
HUBBLE SPACE TELESCOPE
OBSERVATORIES
ASTRONOMICAL OBSERVATORIES
ASTRONOMICAL SATELLITES
HUBBLE SPACE TELESCOPE
TELESCOPES
SPACEBORNE TELESCOPES
HUBBLE SPACE TELESCOPE
RT FAINT OBJECT CAMERA
SPACE SHUTTLE PAYLOADS
SPACEBORNE ASTRONOMY
ULTRAVIOLET ASTRONOMY

HUMASON COMET

GS CELESTIAL BODIES
COMETS
HUMASON COMET

HVITTIS CHONDRITE
 GS CELESTIAL BODIES
 METEORITES
 STONY METEORITES
 CHONDRITES
 HVITTIS CHONDRITE

HYDROGEN CLOUDS
 GS **HYDROGEN CLOUDS**
 H I REGIONS
 H II REGIONS
 ORION NEBULA
 RT ∞ CLOUDS
 DROP SIZE
 GALACTIC ROTATION
 GASES
 MOLECULAR CLOUDS
 PLASMA CLOUDS
 SPIN TEMPERATURE
 STAR FORMATION
 VAPOR PHASES
 VAPORS

HYDROMAGNETICS
 USE MAGNETOHYDRODYNAMICS

HYDROMAGNETISM
 USE MAGNETOHYDRODYNAMICS

HYDROXYL EMISSION
 GS ELECTROMAGNETIC RADIATION
 RADIO WAVES
 RADIO EMISSION
 HYDROXYL EMISSION
 EMISSION
 RADIO EMISSION
 HYDROXYL EMISSION
 RT EMISSION SPECTRA
 RADIO SOURCES (ASTRONOMY)

HYPERION
 GS CELESTIAL BODIES
 NATURAL SATELLITES
 ICY SATELLITES
 HYPERION
 SATURN SATELLITES
 HYPERION
 RT SATURN (PLANET)

HYPERSONIC SPEED
 SN (MACH 5 OR GREATER)
 GS RATES (PER TIME)
 HYPERSONIC SPEED
 VELOCITY
 HYPERSONIC SPEED
 RT HIGH SPEED
 HYPERSONICS
 HYPERVELOCITY
 SUPERSONIC SPEED

HYPERVELOCITY IMPACT
 GS IMPACT
 HYPERVELOCITY IMPACT
 RT HYDRODYNAMIC RAM EFFECT
 IMPACT MELTS
 MECHANICAL SHOCK
 METEORITE COLLISIONS
 METEORITIC DAMAGE
 POINT IMPACT
 PROJECTILE CRATERING

IAPETUS
 GS CELESTIAL BODIES
 NATURAL SATELLITES
 ICY SATELLITES
 IAPETUS
 SATURN SATELLITES
 IAPETUS
 RT CHARON
 SATURN (PLANET)

ICARUS ASTEROID
 GS CELESTIAL BODIES
 ASTEROID BELTS
 ASTEROIDS
 ICARUS ASTEROID

ICE
 GS ICE

ICE-(CONT.)
 BAY ICE
 GLACIERS
 LAKE ICE
 ICE FLOES
 LAND ICE
 SEA ICE
 ICE FLOES
 ICEBERGS
 PRESSURE ICE
 RT AUFEIS (ICE)
 CIRQUES (LANDFORMS)
 FROST
 POLAR CAPS
 REFRIGERANTS
 RUNWAY CONDITIONS
 SLUSH
 STORMS (METEOROLOGY)
 WATER

ICY SATELLITES
 GS CELESTIAL BODIES
 NATURAL SATELLITES
 ICY SATELLITES
 ARIEL
 CALLISTO
 DIONE
 ENCELADUS
 EUROPA
 GANYMEDE
 HYPERION
 IAPETUS
 MIMAS
 RHEA (ASTRONOMY)
 TETHYS
 TITANIA
 RT GALILEAN SATELLITES
 JUPITER SATELLITES
 SATELLITE SURFACES
 SATURN SATELLITES

ILLUMINANCE
 SN (LIMITED TO DETECTION RATE PER
 UNIT AREA OF VISIBLE
 RADIATION-EQUALS LIGHT PRESSURE
 TIMES SPEED OF LIGHT)
 UF LIGHT PRESSURE
 GS PRESSURE
 RADIATION PRESSURE
 LUMINOUS INTENSITY
 ILLUMINANCE
 RATES (PER TIME)
 FLUX DENSITY
 RADIANT FLUX DENSITY
 IRRADIANCE
 ILLUMINANCE
 LUMINOUS INTENSITY
 ILLUMINANCE
 RT BRIGHTNESS
 ILLUMINATING
 ILLUMINATION
 LIGHT (VISIBLE RADIATION)
 LUMINANCE
 LUMINOSITY
 RADIANCY
 SOLAR CONSTANT
 SOLAR FLUX DENSITY
 VISIBILITY

IMAGE ANALYSIS
 RT CLUSTER ANALYSIS
 IMAGE ENHANCEMENT
 IMAGE PROCESSING
 IMAGE RESOLUTION
 PATTERN RECOGNITION
 RADAR IMAGERY
 REMOTE SENSING
 SATELLITE IMAGERY
 SCENE ANALYSIS

IMAGE INTENSIFIERS
 UF INTENSIFIER TUBES
 GS INTENSIFIERS
 IMAGE INTENSIFIERS
 IMAGE ORTHICONS
 RT AMPLIFIERS
 IMAGING TECHNIQUES
 LALLEMAND CAMERAS
 LIGHT AMPLIFIERS
 NIGHT VISION
 ORTHICONS
 PHOSPHORS
 PHOTOCATHODES

IMAGE PROCESSING
 GS **IMAGE PROCESSING**
 BAND RATIOING
 GEOMETRIC RECTIFICATION (IMAGERY)
 RT ATMOSPHERIC CORRECTION
 CHANGE DETECTION
 CLUSTER ANALYSIS
 COMPUTER AIDED TOMOGRAPHY
 DATA PROCESSING
 FEATURE IDENTIFICATION AND
 LOCATION EXPR
 FRAMES (DATA PROCESSING)
 GEOMETRIC ACCURACY
 GRAY SCALE
 IMAGE ANALYSIS
 IMAGERY
 IMAGING TECHNIQUES
 MULTISENSOR APPLICATIONS
 NAP-OF-THE-EARTH NAVIGATION
 ONBOARD DATA PROCESSING
 OPTICAL DATA PROCESSING
 POINT SPREAD FUNCTIONS
 PREPROCESSING
 PRINCIPAL COMPONENTS ANALYSIS
 PROCESSING
 PUSHBROOM SENSOR MODES
 RASTER SCANNING
 SPATIAL RESOLUTION

IMAGERY
 GS **IMAGERY**
 AERIAL PHOTOGRAPHY
 ALL SKY PHOTOGRAPHY
 ASTRONOMICAL PHOTOGRAPHY
 BLACK AND WHITE PHOTOGRAPHY
 CHRONOPHOTOGRAPHY
 CINEMATOGRAPHY
 CLOUD PHOTOGRAPHY
 COLOR PHOTOGRAPHY
 ELECTRO-OPTICAL PHOTOGRAPHY
 ELECTRON PHOTOGRAPHY
 HOLOGRAPHY
 ACOUSTICAL HOLOGRAPHY
 MICROWAVE HOLOGRAPHY
 SPECKLE HOLOGRAPHY
 WHITE LIGHT HOLOGRAPHY
 INFRARED IMAGERY
 INFRARED PHOTOGRAPHY
 COLOR INFRARED PHOTOGRAPHY
 KINOFORM
 LUNAR PHOTOGRAPHY
 MICROWAVE IMAGERY
 MICROWAVE PHOTOGRAPHY
 PHOTOMICROGRAPHY
 PHOTORECONNAISSANCE
 PIXELS
 RADAR IMAGERY
 RADAR PHOTOGRAPHY
 RADIOGRAPHY
 ANGIOGRAPHY
 AUTORADIOGRAPHY
 NEUTRON RADIOGRAPHY
 TOMOGRAPHY
 COMPUTER AIDED TOMOGRAPHY
 UROGRAPHY
 REPRODUCTION (COPYING)
 XEROGRAPHY
 ROCKET-BORNE PHOTOGRAPHY
 SATELLITE IMAGERY
 SHADOWGRAPH PHOTOGRAPHY
 SCHLIEREN PHOTOGRAPHY
 SPACEBORNE PHOTOGRAPHY
 SATELLITE-BORNE PHOTOGRAPHY
 SPECTROHELIOGRAPHS
 SPECTROPHOTOGRAPHY
 STEREOSCOPY
 STEREOPHOTOGRAPHY
 ULTRAVIOLET PHOTOMETRY
 X RAY IMAGERY
 RT ACOUSTO-OPTICS
 APPEARANCE
 ATMOSPHERIC & OCEANOGRAPHIC
 INFORM SYS
 CHANGE DETECTION
 CONTOUR SENSORS
 DISPLAY DEVICES
 EARTH RESOURCES
 GEOGRAPHIC INFORMATION SYSTEMS
 GEOMETRIC RECTIFICATION (IMAGERY)
 GRAPHIC ARTS
 GROUND TRUTH
 IMAGE PROCESSING
 IMAGE RESOLUTION
 MICROWAVE SOUNDING
 MULTISPECTRAL PHOTOGRAPHY
 MULTISPECTRAL RADAR

IME SATELLITE

IMAGERY-(CONT.)

PHOTOGRAPHY
RADAR SIGNATURES
SCENE ANALYSIS
SEA TRUTH
SIGNATURE ANALYSIS

IME SATELLITE

USE INTERNATIONAL MAGNETOSPHERIC
EXPLORER

IMP

UF INTERPLANETARY MONITORING
PLATFORM

GS ARTIFICIAL SATELLITES
LUNAR SATELLITES
IMP
SCIENTIFIC SATELLITES
EXPLORER SATELLITES
IMP
LUNAR SPACECRAFT
LUNAR SATELLITES
IMP

IMP-A

USE EXPLORER 18 SATELLITE

IMP-1

USE EXPLORER 18 SATELLITE

IMPACT

GS IMPACT
ECONOMIC IMPACT
ELECTRON IMPACT
HYPERVELOCITY IMPACT
ION IMPACT
POINT IMPACT
PROTON IMPACT
RT DECELERATION
HYDRODYNAMIC RAM EFFECT
IMPINGEMENT
MECHANICAL SHOCK
PENETRATION
PERCUSSION
PRESSURE
SHOCK ABSORBERS
SHOCK RESISTANCE
SHOCK WAVES
STRESSES

IMPACT ACCELERATION

UF IMPACT DECELERATION
GS RATES (PER TIME)
ACCELERATION (PHYSICS)
IMPACT ACCELERATION
RT ACCELERATION
DECELERATION
MECHANICAL SHOCK
PHYSIOLOGICAL ACCELERATION
RAILROAD HUMMING TESTS
SHOCK ABSORBERS

IMPACT DAMAGE

GS DAMAGE
IMPACT DAMAGE
METEORITIC DAMAGE
RAIN IMPACT DAMAGE
RT CRATERING
CRATERS
EJECTA
IMPACT TOLERANCES
MARS CRATERS
METEOROID PROTECTION
PLANETARY CRATERS

IMPACT DECELERATION

USE DECELERATION
IMPACT ACCELERATION

IMPACT MELTS

GS MELTS (CRYSTAL GROWTH)
IMPACT MELTS
RT CELESTIAL BODIES
HYPERVELOCITY IMPACT
LUNAR ROCKS
MELTING
METEORITES
MINERALS
PETROLOGY

IMS

USE INTERNATIONAL MAGNETOSPHERIC
STUDY

INDIAN SPACE PROGRAM

GS PROGRAMS
SPACE PROGRAMS
INDIAN SPACE PROGRAM
RT COMMUNICATION SATELLITES
MANNED SPACE FLIGHT
RESEARCH PROJECTS
SATELLITE DESIGN
SPACE MISSIONS
SPACECRAFT
SPACECRAFT DESIGN
TECHNOLOGY UTILIZATION

INDONESIAN SPACE PROGRAM

GS PROGRAMS
SPACE PROGRAMS
INDONESIAN SPACE PROGRAM
RT INDONESIA
PALAPA SATELLITES
PALAPA SATELLITE

INFRARED ASTRONOMY

GS ASTRONOMY
INFRARED ASTRONOMY
RT ASTRONOMICAL PHOTOGRAPHY
INFRARED ASTRONOMY SATELLITE
INFRARED PHOTOMETRY
INFRARED SOURCES (ASTRONOMY)
INFRARED SPACE OBSERVATORY (ISO)
SPACE INFRARED TELESCOPE FACILITY

INFRARED ASTRONOMY SATELLITE

UF IRAS
GS OBSERVATORIES
ASTRONOMICAL OBSERVATORIES
ASTRONOMICAL SATELLITES
INFRARED ASTRONOMY SATELLITE
RT GEOSYNCHRONOUS ORBITS
INFRARED ASTRONOMY
INFRARED SOURCES (ASTRONOMY)
IRAS-ARAKI-ALCOCK COMET

INFRARED PHOTOGRAPHY

GS IMAGERY
INFRARED PHOTOGRAPHY
COLOR INFRARED PHOTOGRAPHY
PHOTOGRAPHY
MULTISPECTRAL PHOTOGRAPHY
INFRARED PHOTOGRAPHY
COLOR INFRARED PHOTOGRAPHY
RT AERIAL PHOTOGRAPHY
ASTRONOMICAL PHOTOGRAPHY
BLACK AND WHITE PHOTOGRAPHY
CINEMATOGRAPHY
FAINT OBJECT CAMERA
FOREST FIRE DETECTION
GEOGRAPHIC INFORMATION SYSTEMS
ICE MAPPING
LUNAR PHOTOGRAPHY
METEOROLOGICAL SATELLITES
METEOSAT SATELLITE
MULTISPECTRAL BAND CAMERAS
NIMBUS SATELLITES
RADIOMETERS
SATELLITE-BORNE PHOTOGRAPHY
TIMBER INVENTORY
ULTRAVIOLET PHOTOGRAPHY

INFRARED PHOTOMETRY

GS OPTICAL MEASUREMENT
PHOTOMETRY
INFRARED PHOTOMETRY
RT ASTRONOMICAL PHOTOMETRY
INFRARED ASTRONOMY
INFRARED SPECTRA
NEAR INFRARED RADIATION
STELLAR SPECTROPHOTOMETRY

INFRARED RADIATION

GS ELECTROMAGNETIC RADIATION
INFRARED RADIATION
FAR INFRARED RADIATION
NEAR INFRARED RADIATION
RT BEAMS (RADIATION)
BLACK BODY RADIATION
COHERENT ELECTROMAGNETIC
RADIATION
ENERGY ABSORPTION
EVAPOROGRAPHY
EXHAUST EMISSION
HEAT
INFRARED ABSORPTION
INFRARED SIGNATURES
INFRARED SOURCES (ASTRONOMY)
LIGHT (VISIBLE RADIATION)

INFRARED RADIATION-(CONT.)

MICROWAVES
MONOCHROMATIC RADIATION
PLANETARY RADIATION
POLARIZED ELECTROMAGNETIC
RADIATION
RADIATION
SEYFERT GALAXIES
SOLAR RADIATION
SUNLIGHT
TERRESTRIAL RADIATION
THERMAL RADIATION
WAVELENGTHS
XENON LAMPS

INFRARED RADIOMETERS

GS MONITORS
INFRARED RADIOMETERS
RT AERIAL RECONNAISSANCE
ATMOSPHERIC CORRECTION
DATA ACQUISITION
EARTH RESOURCES PROGRAM
ENVIRONMENTAL MONITORING
FOREST FIRE DETECTION
PRESSURE MODULATOR RADIOMETERS
RADIOMETRIC CORRECTION
SATELLITE-BORNE INSTRUMENTS
THERMAL MAPPING
VISIBLE INFRARED SPIN SCAN
RADIOMETER

INFRARED SOURCES (ASTRONOMY)

GS CELESTIAL BODIES
INFRARED SOURCES (ASTRONOMY)
INFRARED STARS
RT ASTRONOMY
HERBIG-HARO OBJECTS
INFRARED ASTRONOMY
INFRARED ASTRONOMY SATELLITE
INFRARED RADIATION

INFRARED SPACE OBSERVATORY (ISO)

GS ARTIFICIAL SATELLITES
ESA SATELLITES
INFRARED SPACE OBSERVATORY
(ISO)
ESA SPACECRAFT
ESA SATELLITES
INFRARED SPACE OBSERVATORY
(ISO)
OBSERVATORIES
ASTRONOMICAL OBSERVATORIES
ASTRONOMICAL SATELLITES
INFRARED SPACE OBSERVATORY
(ISO)
TELESCOPES
SPACEBORNE TELESCOPES
INFRARED SPACE OBSERVATORY
(ISO)
RT EUROPEAN SPACE PROGRAMS
INFRARED ASTRONOMY
SPACEBORNE ASTRONOMY

INFRARED SPECTRA

GS SPECTRA
RADIATION SPECTRA
ELECTROMAGNETIC SPECTRA
INFRARED SPECTRA
RT ABSORPTION
EMISSION SPECTRA
INFRARED PHOTOMETRY
INFRARED SIGNATURES
LINE SPECTRA
MICROWAVE SPECTRA
MOLECULAR SPECTRA
SOLAR SPECTRA
STELLAR SPECTRA

INFRARED SPECTROMETERS

GS MEASURING INSTRUMENTS
OPTICAL MEASURING INSTRUMENTS
INFRARED SPECTROMETERS
FILTER WHEEL INFRARED
SPECTROMETERS
RADIATION MEASURING INSTRUMENTS
ACTINOMETERS
INFRARED SPECTROMETERS
INFRARED INSTRUMENTS
INFRARED SPECTROMETERS
SPECTROMETERS
INFRARED SPECTROMETERS
FILTER WHEEL INFRARED
SPECTROMETERS
OPTICAL EQUIPMENT
OPTICAL MEASURING INSTRUMENTS

INTERPLANETARY SPACECRAFT

INFRARED SPECTROMETERS-(CONT.)

.. INFRARED SPECTROMETERS
 ... FILTER WHEEL INFRARED
 SPECTROMETERS
 RT EBERT SPECTROMETERS
 SOLAR SPECTROMETERS

INFRARED SPECTROSCOPY

GS SPECTROSCOPY
 .. INFRARED SPECTROSCOPY
 RT ABSORPTION SPECTROSCOPY
 ASTRONOMICAL SPECTROSCOPY
 CHEMICAL ANALYSIS
 ELECTRON SPECTROSCOPY
 LASER SPECTROMETERS
 MOLECULAR SPECTROSCOPY
 MOLECULAR STRUCTURE
 OPTOGALVANIC SPECTROSCOPY
 RAMAN SPECTROSCOPY
 SPECTROMETERS
 SPECTROSCOPIC ANALYSIS
 VACUUM SPECTROSCOPY

INFRARED STARS

GS CELESTIAL BODIES
 .. INFRARED SOURCES (ASTRONOMY)
 .. INFRARED STARS
 .. STARS
 .. INFRARED STARS
 RT HERBIG-HARO OBJECTS

INFRARED TELESCOPES

GS TELESCOPES
 .. INFRARED TELESCOPES
 .. SPACE INFRARED TELESCOPE
 FACILITY
 RT ASTRONOMY
 ASTROPLANE

INJUN SATELLITES

GS ARTIFICIAL SATELLITES
 .. INJUN SATELLITES
 .. EXPLORER 25 SATELLITE
 .. INJUN 1 SATELLITE
 .. INJUN 3 SATELLITE
 .. INJUN 4 SATELLITE

INNER RADIATION BELT

GS ENVIRONMENTS
 .. INNER RADIATION BELT
 PARTICLES
 .. CHARGED PARTICLES
 .. MAGNETICALLY TRAPPED PARTICLES
 .. RADIATION BELTS
 .. INNER RADIATION BELT
 .. TRAPPED PARTICLES
 .. MAGNETICALLY TRAPPED PARTICLES
 .. RADIATION BELTS
 .. INNER RADIATION BELT
 RT ARTIFICIAL RADIATION BELTS
 OUTER RADIATION BELT
 PROTON BELTS
 .. RADIATION
 SINGLE EVENT UPSETS

INSERTION

RT COLLATING
 EMBEDDING
 GRAFTING
 IMPLANTATION
 IMPREGNATING
 INSERTS
 NETWORK ANALYSIS
 TRANSMISSION LOSS

INSOLATION

RT GREENHOUSE EFFECT
 METEOROLOGY
 SOLAR HEATING
 SOLAR RADIATION
 SUNLIGHT

INTENSIFIER TUBES

USE IMAGE INTENSIFIERS

INTERGALACTIC MEDIA

UF EXTRAGALACTIC MEDIA
 GS MEDIA
 .. INTERGALACTIC MEDIA
 RT COOLING FLOWS (ASTROPHYSICS)
 COSMIC DUST
 COSMIC GASES
 COSMIC PLASMA
 DARK MATTER

INTERGALACTIC MEDIA-(CONT.)

MASS DISTRIBUTION
 STELLAR WINDS

INTERMONTANE FLOORS

USE VALLEYS

INTERNATIONAL MAGNETOSPHERIC EXPLORER

UF IME SATELLITE
 GS ARTIFICIAL SATELLITES
 .. SCIENTIFIC SATELLITES
 .. EXPLORER SATELLITES
 .. INTERNATIONAL MAGNETOSPHERIC
 EXPLORER
 RT DELTA LAUNCH VEHICLE
 EARTH MAGNETOSPHERE

INTERNATIONAL MAGNETOSPHERIC STUDY

UF IMS
 GS INVESTIGATION
 .. INTERNATIONAL MAGNETOSPHERIC
 STUDY
 RT ATMOSPHERIC PHYSICS
 EARTH MAGNETOSPHERE
 EUROPEAN SPACE PROGRAMS
 GEOMAGNETISM
 INTERPLANETARY MAGNETIC FIELDS

INTERNATIONAL QUIET SUN YEAR

UF IQSY (INTERNATIONAL YEAR)
 RT SOLAR ACTIVITY
 SOLAR CYCLES
 SOLAR PHYSICS

INTERNATIONAL SATELLITE GEODESY EXPERIMENT

UF ISAGEX
 RT CELESTIAL GEODESY
 EUROPEAN SPACE PROGRAMS
 GEODETIC COORDINATES
 INTERNATIONAL COOPERATION
 SATELLITE TRACKING
 U.S.S.R. SPACE PROGRAM

INTERNATIONAL SOLAR POLAR MISSION

USE ULYSSES MISSION

INTERNATIONAL ULTRAVIOLET EXPLORER

USE IUE

INTERORBITAL TRAJECTORIES

GS TRAJECTORIES
 .. INTERORBITAL TRAJECTORIES
 RT INTERPLANETARY TRAJECTORIES
 ROUND TRIP TRAJECTORIES
 SPACECRAFT TRAJECTORIES

INTERPLANETARY COMMUNICATION

GS TELECOMMUNICATION
 .. SPACE COMMUNICATION
 .. INTERPLANETARY COMMUNICATION
 RT CIRCULUNAR COMMUNICATION
 EXTRATERRESTRIAL COMMUNICATION
 FACSIMILE COMMUNICATION
 LASERS
 LUNAR COMMUNICATION
 OPTICAL COMMUNICATION
 RADIO COMMUNICATION
 SATELLITE COMMUNICATION
 SPACECRAFT COMMUNICATION

INTERPLANETARY DUST

GS MEDIA
 .. INTERPLANETARY MEDIUM
 .. INTERPLANETARY DUST
 .. METEOROID DUST CLOUDS
 .. ZODIACAL DUST
 PARTICLES
 .. DUST
 .. COSMIC DUST
 .. INTERPLANETARY DUST
 .. METEOROID DUST CLOUDS
 .. ZODIACAL DUST
 RT METEORIODS
 MICROMETEORIODS

INTERPLANETARY EXPLORER

USE EXPLORER 18 SATELLITE

INTERPLANETARY FLIGHT

UF PLANETARY SPACE FLIGHT
 GS SPACE FLIGHT
 .. INTERPLANETARY FLIGHT
 RT ASTEROID MISSIONS

INTERPLANETARY FLIGHT-(CONT.)

ASTRODYNAMICS
 EARTH-VENUS TRAJECTORIES
 FLYBY MISSIONS
 INTERSTELLAR SPACECRAFT
 LONG DURATION SPACE FLIGHT
 MANNED MARS MISSIONS
 MANNED SPACE FLIGHT
 MARINER JUPITER-SATURN FLYBY
 MARINER JUPITER-URANUS FLYBY
 MARINER MARK 2 SPACECRAFT
 ORBITS
 OUTER PLANETS EXPLORERS
 PLANETARY LANDING
 RETURN TO EARTH SPACE FLIGHT
 ROUND TRIP TRAJECTORIES
 SPACE EXPLORATION
 SPACE NAVIGATION
 SPACECRAFT GUIDANCE
 TOPS (SPACECRAFT)

INTERPLANETARY GAS

GS EXTRATERRESTRIAL MATTER
 .. COSMIC GASES
 .. INTERPLANETARY GAS
 GASES
 .. RAREFIED GASES
 .. COSMIC GASES
 .. INTERPLANETARY GAS
 MEDIA
 .. INTERPLANETARY MEDIUM
 .. INTERPLANETARY GAS
 RT COSMIC PLASMA
 INTERSTELLAR GAS
 NEUTRAL GASES
 SOLAR WIND

INTERPLANETARY MAGNETIC FIELDS

GS MAGNETIC FIELDS
 .. INTERPLANETARY MAGNETIC FIELDS
 RT CHAPMAN-FERRARO PROBLEM
 INTERNATIONAL MAGNETOSPHERIC
 STUDY
 MAGNETIC CLOUDS
 MAGNETIC FIELD RECONNECTION
 SOLAR MAGNETIC FIELD

INTERPLANETARY MEDIUM

GS MEDIA
 .. INTERPLANETARY MEDIUM
 .. INTERPLANETARY DUST
 .. METEOROID DUST CLOUDS
 .. ZODIACAL DUST
 .. INTERPLANETARY GAS
 RT MAGNETIC CLOUDS
 MASS DISTRIBUTION
 METEORIODS
 PLASMA CLOUDS
 SOLAR WIND

INTERPLANETARY MONITORING PLATFORM

USE IMP

INTERPLANETARY NAVIGATION

GS NAVIGATION
 .. SPACE NAVIGATION
 .. INTERPLANETARY NAVIGATION
 RT ASTRONAVIGATION
 CELESTIAL NAVIGATION
 CELESTIAL REFERENCE SYSTEMS
 RADAR NAVIGATION
 RADIO NAVIGATION

INTERPLANETARY PROPULSION

USE INTERPLANETARY SPACECRAFT
 ROCKET ENGINES

INTERPLANETARY SPACE

UF TRANSLUNAR SPACE
 GS ENVIRONMENTS
 .. AEROSPACE ENVIRONMENTS
 .. DEEP SPACE
 .. INTERPLANETARY SPACE
 .. EXTRATERRESTRIAL ENVIRONMENTS
 .. DEEP SPACE
 .. INTERPLANETARY SPACE
 RT CISLUNAR SPACE
 HELIOSPHERE
 INTERSTELLAR SPACE
 POLAR CUSPS

INTERPLANETARY SPACECRAFT

UF INTERPLANETARY PROPULSION
 PLANETARY SPACECRAFT
 GS INTERPLANETARY SPACECRAFT

INTERPLANETARY TRAJECTORIES

INTERPLANETARY SPACECRAFT-(CONT.)

EXPLORER 18 SATELLITE
JUPITER PROBES
GALILEO PROBE
GALILEO SPACECRAFT
MARINER SPACE PROBES
MARINER R 2 SPACE PROBE
MARINER 1 SPACE PROBE
MARINER 2 SPACE PROBE
MARINER 3 SPACE PROBE
MARINER 4 SPACE PROBE
MARINER 5 SPACE PROBE
MARINER 6 SPACE PROBE
MARINER 7 SPACE PROBE
MARINER 8 SPACE PROBE
MARINER 9 SPACE PROBE
MARINER 10 SPACE PROBE
MARINER 11 SPACE PROBE
MARINER SPACECRAFT
MARINER C SPACECRAFT
MARINER VENUS 67 SPACECRAFT
MARS PROBES
ADVANCED RECONN ELECTRIC SPACECRAFT
MARINER 3 SPACE PROBE
MARINER 4 SPACE PROBE
MARINER 6 SPACE PROBE
MARINER 7 SPACE PROBE
MARINER 8 SPACE PROBE
MARINER 9 SPACE PROBE
MARS OBSERVER
MARS 1 SPACECRAFT
MARS 2 SPACECRAFT
MARS 3 SPACECRAFT
MARS 4 SPACECRAFT
MARS 5 SPACECRAFT
MARS 6 SPACECRAFT
MARS 7 SPACECRAFT
VIKING SPACECRAFT
VIKING LANDER SPACECRAFT
VIKING LANDER 1
VIKING LANDER 2
VIKING ORBITER SPACECRAFT
VIKING ORBITER 1
VIKING ORBITER 2
VIKING ORBITER 1975
VIKING 1 SPACECRAFT
VIKING LANDER 1
VIKING ORBITER 1
VIKING 2 SPACECRAFT
VIKING LANDER 2
VIKING ORBITER 2
VIKING 75 ENTRY VEHICLE
ZOND 2 SPACE PROBE
PIONEER SPACE PROBES
PIONEER VENUS 2 ENTRY PROBES
PIONEER VENUS 2 NIGHT PROBE
PIONEER VENUS 2 SOUNDER PROBE
PIONEER 1 SPACE PROBE
PIONEER 2 SPACE PROBE
PIONEER 3 SPACE PROBE
PIONEER 4 SPACE PROBE
PIONEER 5 SPACE PROBE
PIONEER 6 SPACE PROBE
PIONEER 7 SPACE PROBE
PIONEER 8 SPACE PROBE
PIONEER 9 SPACE PROBE
PIONEER 10 SPACE PROBE
PIONEER 11 SPACE PROBE
PIONEER VENUS SPACECRAFT
PIONEER VENUS 1 SPACECRAFT
PIONEER VENUS 2 SPACECRAFT
PIONEER VENUS 2 TRANSPORTER BUS
TOPS (SPACECRAFT)
VENUS PROBES
MAGELLAN SPACECRAFT (NASA)
MARINER 1 SPACE PROBE
MARINER 2 SPACE PROBE
MARINER 5 SPACE PROBE
MARINER 10 SPACE PROBE
PIONEER VENUS 2 SPACECRAFT
PIONEER VENUS 2 TRANSPORTER BUS
VENERA SATELLITES
VENERA 2 SATELLITE
VENERA 3 SATELLITE
VENERA 4 SATELLITE
VENERA 5 SATELLITE
VENERA 6 SATELLITE
VENERA 7 SATELLITE
VENERA 8 SATELLITE
VENERA 9 SATELLITE
VENERA 10 SATELLITE
VENERA 11 SATELLITE

INTERPLANETARY SPACECRAFT-(CONT.)

VENERA 12 SATELLITE
ZOND 1 SPACE PROBE
ZOND 3 SPACE PROBE
ZOND 4 SPACE PROBE
ZOND 5 SPACE PROBE
ZOND 6 SPACE PROBE
ZOND 7 SPACE PROBE
ZOND 8 SPACE PROBE
VOYAGER 1 SPACECRAFT
VOYAGER 2 SPACECRAFT
ZOND SPACE PROBES
ZOND 1 SPACE PROBE
ZOND 2 SPACE PROBE
ZOND 3 SPACE PROBE
ZOND 4 SPACE PROBE
ZOND 5 SPACE PROBE
ZOND 6 SPACE PROBE
ZOND 7 SPACE PROBE
ZOND 8 SPACE PROBE
RT ARTIFICIAL SATELLITES
INTERSTELLAR SPACECRAFT
LANDING MODULES
MANEUVERABLE SPACECRAFT
MANNED MARS MISSIONS
MANNED SPACECRAFT
RENDEZVOUS SPACECRAFT
REUSABLE SPACECRAFT
SPACE CAPSULES
SPACE EXPLORATION
SPACE PROBES
SPACECRAFT
UNMANNED SPACECRAFT
VOYAGER 1977 MISSION

INTERPLANETARY TRAJECTORIES

GS TRAJECTORIES
SPACECRAFT TRAJECTORIES
INTERPLANETARY TRAJECTORIES
EARTH-MARS TRAJECTORIES
EARTH-MERCURY TRAJECTORIES
RT EARTH-MOON TRAJECTORIES
EARTH-VENUS TRAJECTORIES
GODDARD TRAJECTORY DETERMINATION SYSTEM
INTERORBITAL TRAJECTORIES
ORBITAL LAUNCHING
ORBITAL MECHANICS
PARKING ORBITS
PLANETARY ORBITS
RENDEZVOUS TRAJECTORIES
ROUND TRIP TRAJECTORIES
SOLAR ORBITS
SPACE NAVIGATION
SPACECRAFT GUIDANCE
TRANSFER ORBITS
VIKING LANDER SPACECRAFT
VIKING LANDER 1
VIKING LANDER 2
VIKING ORBITER SPACECRAFT
VIKING ORBITER 1
VIKING ORBITER 2
VIKING 1 SPACECRAFT
VIKING 2 SPACECRAFT

INTERPLANETARY TRANSFER ORBITS

GS ORBITS
ELLIPTICAL ORBITS
TRANSFER ORBITS
INTERPLANETARY TRANSFER ORBITS
SPACECRAFT ORBITS
TRANSFER ORBITS
INTERPLANETARY TRANSFER ORBITS
RT AEROASSIST
AEROBRAKING
AEROCAPTURE
AEROMANEUVERING
ORBITAL MECHANICS
SWINGBY TECHNIQUE

INTERSTELLAR CHEMISTRY

RT ASSOCIATION REACTIONS
CHEMICAL REACTIONS
CHEMISTRY
COSMOCHEMISTRY
FORMYL IONS
INTERSTELLAR MATTER
MOLECULAR CLOUDS
MOLECULAR INTERACTIONS
REACTION KINETICS

INTERSTELLAR EXTINCTION

UF INTERSTELLAR REDDENING

INTERSTELLAR EXTINCTION-(CONT.)

GS EXTINCTION
RT INTERSTELLAR EXTINCTION
ASTROPHYSICS
EVOLUTION (DEVELOPMENT)
INTERSTELLAR GAS
RADIATION ABSORPTION
STELLAR EVOLUTION
STELLAR RADIATION

INTERSTELLAR GAS

GS EXTRATERRESTRIAL MATTER
COSMIC GASES
INTERSTELLAR GAS
NEUTRAL GASES
INTERSTELLAR MATTER
INTERSTELLAR GAS
NEUTRAL GASES
GASES
RAREFIED GASES
COSMIC GASES
INTERSTELLAR GAS
NEUTRAL GASES
RT COOLING FLOWS (ASTROPHYSICS)
H I REGIONS
H II REGIONS
HELIOSPHERE
INTERPLANETARY GAS
INTERSTELLAR EXTINCTION
MAGNETIC CLOUDS
MOLECULAR CLOUDS
OPHIUCHI CLOUDS
ORION NEBULA
SPIN TEMPERATURE
STAR FORMATION
STELLAR MASS ACCRETION
STELLAR WINDS

INTERSTELLAR MAGNETIC FIELDS

UF GALACTIC MAGNETIC FIELDS
GS MAGNETIC FIELDS
INTERSTELLAR MAGNETIC FIELDS
RT MAGNETIC CLOUDS
STELLAR MAGNETIC FIELDS

INTERSTELLAR MASERS

GS STIMULATED EMISSION DEVICES
MASERS
INTERSTELLAR MASERS
RT COHERENT ELECTROMAGNETIC RADIATION
GAS MASERS
LASERS
MICROWAVE AMPLIFIERS
MOLECULAR CLOUDS
RADIATION SOURCES
STIMULATED EMISSION
WATER MASERS

INTERSTELLAR MATTER

GS EXTRATERRESTRIAL MATTER
INTERSTELLAR MATTER
DARK MATTER
INTERSTELLAR GAS
NEUTRAL GASES
RT CELESTIAL BODIES
COSMIC DUST
FORMYL IONS
H I REGIONS
H II REGIONS
INTERSTELLAR CHEMISTRY
MASS DISTRIBUTION
METALLICITY
MOLECULAR CLOUDS
NEBULAE
OPHIUCHI CLOUDS
ORION NEBULA
REFLECTION NEBULAE
SPIN TEMPERATURE
STAR FORMATION
STELLAR MASS ACCRETION

INTERSTELLAR MICROWAVE SPECTRA

USE INTERSTELLAR RADIATION
MICROWAVE SPECTRA

INTERSTELLAR RADIATION

UF INTERSTELLAR MICROWAVE SPECTRA
GS EXTRATERRESTRIAL RADIATION
INTERSTELLAR RADIATION
RT CORPUSCULAR RADIATION
COSMIC NOISE
COSMIC RAYS
ELECTROMAGNETIC RADIATION
GALACTIC RADIATION

IRON METEORITES

INTERSTELLAR RADIATION-(CONT.)

GAMMA RAY BURSTS
 ∞ RADIATION
 RADIATIVE TRANSFER
 STELLAR RADIATION

INTERSTELLAR REDDENING

USE INTERSTELLAR EXTINCTION

INTERSTELLAR SPACE

GS ENVIRONMENTS
 . AEROSPACE ENVIRONMENTS
 . DEEP SPACE
 . . . INTERSTELLAR SPACE
 . EXTRATERRESTRIAL ENVIRONMENTS
 . DEEP SPACE
 . . . INTERSTELLAR SPACE
 RT INTERPLANETARY SPACE

INTERSTELLAR SPACECRAFT

RT INTERPLANETARY FLIGHT
 INTERPLANETARY SPACECRAFT
 INTERSTELLAR TRAVEL
 SPACE EXPLORATION

INTERSTELLAR TRAVEL

GS SPACE FLIGHT
 . INTERSTELLAR TRAVEL
 RT ASTRONAVIGATION
 CELESTIAL REFERENCE SYSTEMS
 EXTRATERRESTRIAL INTELLIGENCE
 INTERSTELLAR SPACECRAFT
 LONG DURATION SPACE FLIGHT
 MANNED SPACE FLIGHT

IO

GS CELESTIAL BODIES
 . NATURAL SATELLITES
 . JUPITER SATELLITES
 . . . GALILEAN SATELLITES
 . . . IO
 RT CALLISTO
 CHARON
 GANYMEDE
 JUPITER (PLANET)

ION CHAMBERS

USE IONIZATION CHAMBERS

ION CYCLOTRON RADIATION

GS ELECTROMAGNETIC RADIATION
 . NONTHERMAL RADIATION
 . . CYCLOTRON RADIATION
 . . . ION CYCLOTRON RADIATION
 RT CYCLOTRON RESONANCE
 IONIC WAVES
 MAGNETIC PUMPING
 PLASMA RADIATION
 PLASMA WAVES
 ∞ RADIATION

ION DENSITY (CONCENTRATION)

GS DENSITY (NUMBER/VOLUME)
 . PARTICLE DENSITY (CONCENTRATION)
 . . ION DENSITY (CONCENTRATION)
 . . . IONOSPHERIC ION DENSITY
 . . . MAGNETOSPHERIC ION DENSITY
 . . . MAGNETOSPHERIC PROTON
 DENSITY
 . . . PROTON DENSITY
 (CONCENTRATION)
 . . . MAGNETOSPHERIC PROTON
 DENSITY
 RT ATMOSPHERIC DENSITY
 ATOM CONCENTRATION
 COSMIC RAYS
 EARTH IONOSPHERE
 ELECTRON DENSITY (CONCENTRATION)
 GERDIEN CONDENSERS
 IONIZATION
 IONOGRAMS
 PLASMA DENSITY
 POSITIVE IONS
 SAHA EQUATIONS
 SPACE DENSITY

IONIZATION CHAMBERS

UF ION CHAMBERS
 IONIZATION COUNTERS
 GS IONIZATION CHAMBERS
 . BUBBLE CHAMBERS
 . CLOUD CHAMBERS
 . GEIGER COUNTERS
 . PROPORTIONAL COUNTERS

IONIZATION CHAMBERS-(CONT.)

RT ∞ CHAMBERS
 . SPARK CHAMBERS
 . COUNTERS
 . DOSIMETERS
 . ELECTRON COUNTERS
 . IONIZERS
 . NEUTRON COUNTERS
 . RADIATION COUNTERS
 . RADIATION MEASURING INSTRUMENTS
 . THRESHOLD DETECTORS (DOSIMETERS)

IONIZATION COUNTERS

USE IONIZATION CHAMBERS
 RADIATION COUNTERS

IONIZED GASES

SN (LIMITED TO PARTIALLY IONIZED GASES;
 SEE PLASMAS (PHYSICS) FOR
 COMPLETELY IONIZED MATTER)
 GS GASES
 . IONIZED GASES
 . . LORENTZ GAS
 . PARTICLES
 . CHARGED PARTICLES
 . . IONIZED GASES
 . . . LORENTZ GAS
 RT COSMIC GASES
 ELECTRON GAS
 FOKKER-PLANCK EQUATION
 GAS IONIZATION
 GAS TEMPERATURE
 H II REGIONS
 HIGH TEMPERATURE GASES
 PLASMAS (PHYSICS)
 RECOMBINATION COEFFICIENT

IONIZED PLASMAS

USE PLASMAS (PHYSICS)

IONOPAUSE

SN (EXCLUDES PLASMAPAUSE)
 RT COMETARY ATMOSPHERES
 PLANETARY ATMOSPHERES
 PLASMAPAUSE
 SPACE PLASMAS
 VENUS ATMOSPHERE

IONOSPHERE-MAGNETOSPHERE COUPLING

USE MAGNETOSPHERE-IONOSPHERE
 COUPLING

∞ IONOSPHERES

SN (USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED-CONSULT THE TERMS
 LISTED BELOW)
 RT EARTH IONOSPHERE
 MAGNETOSPHERE-IONOSPHERE
 COUPLING
 PLANETARY IONOSPHERES

IONOSPHERIC COMPOSITION

GS COMPOSITION (PROPERTY)
 . ATMOSPHERIC COMPOSITION
 . . IONOSPHERIC COMPOSITION
 RT ATOM CONCENTRATION
 CHEMICAL COMPOSITION
 GAS COMPOSITION
 IONIZATION
 PARTICLE DENSITY (CONCENTRATION)
 PLASMA COMPOSITION
 SATELLITE ATMOSPHERES

IONOSPHERIC DISTURBANCES

GS IONOSPHERIC DISTURBANCES
 . IONOSPHERIC STORMS
 . . SUDDEN IONOSPHERIC
 DISTURBANCES
 . TRAVELING IONOSPHERIC
 DISTURBANCES
 RT BLACKOUT (PROPAGATION)
 ∞ DISTURBANCES
 IONOSPHERIC NOISE
 MAGNETIC VARIATIONS

IONOSPHERIC DRIFT

RT ∞ DRIFT
 DRIFT RATE
 ELECTROJETS
 MAGNETIC RIGIDITY
 POLARIZATION (CHARGE SEPARATION)
 RADIATION BELTS

IONOSPHERIC ELECTRON DENSITY

GS DENSITY (NUMBER/VOLUME)
 . PARTICLE DENSITY (CONCENTRATION)
 . . ELECTRON DENSITY
 (CONCENTRATION)
 . . . IONOSPHERIC ELECTRON DENSITY
 RT ARIEL 4 SATELLITE
 MAGNETOSPHERIC ELECTRON DENSITY

IONOSPHERIC ION DENSITY

GS DENSITY (NUMBER/VOLUME)
 . PARTICLE DENSITY (CONCENTRATION)
 . . ION DENSITY (CONCENTRATION)
 . . . IONOSPHERIC ION DENSITY
 RT MAGNETOSPHERIC ION DENSITY
 POSITIVE IONS

IONOSPHERIC SOUNDING

GS SOUNDING
 . IONOSPHERIC SOUNDING
 RT ALOUETTE PROJECT
 ALOUETTE 1 SATELLITE
 ALOUETTE 2 SATELLITE
 ARIEL 4 SATELLITE
 ATMOSPHERIC SOUNDING
 IONOSONDES
 ORBIS
 ORBIS CAL SATELLITE
 ROCKET SOUNDING
 SATELLITE SOUNDING

IONOSPHERIC STORMS

GS IONOSPHERIC DISTURBANCES
 . IONOSPHERIC STORMS
 . . SUDDEN IONOSPHERIC
 DISTURBANCES
 STORMS
 . IONOSPHERIC STORMS
 . . SUDDEN IONOSPHERIC
 DISTURBANCES
 RT ∞ DISTURBANCES
 EARTH IONOSPHERE
 IONOSPHERICS
 NOISE STORMS
 SOLAR STORMS
 SPREAD F
 TRAVELING IONOSPHERIC
 DISTURBANCES

IONOSPHERICS

GS ELECTROMAGNETIC INTERFERENCE
 . RADIO FREQUENCY INTERFERENCE
 . . ELECTROMAGNETIC NOISE
 . . . ATMOSPHERICS
 . . . IONOSPHERICS
 DAWN CHORUS
 HISS
 RT IONOSPHERIC STORMS
 RADIO AURORAS

IQSY (INTERNATIONAL YEAR)

USE INTERNATIONAL QUIET SUN YEAR

IRAS

USE INFRARED ASTRONOMY SATELLITE

IRAS-ARAKI-ALCOCK COMET

GS CELESTIAL BODIES
 . COMETS
 . . IRAS-ARAKI-ALCOCK COMET
 RT INFRARED ASTRONOMY SATELLITE
 SOLAR SYSTEM

IRIS SATELLITES

GS ARTIFICIAL SATELLITES
 . IRIS SATELLITES
 RT EUROPEAN SPACE PROGRAMS
 SATELLITE OBSERVATION
 SOLAR ACTIVITY
 SOLAR CYCLES
 SOLAR ENERGY
 SOLAR FLARES
 SOLAR RADIATION
 SOLAR SENSORS

IRON METEORITES

UF SIDERITE METEORITES
 GS CELESTIAL BODIES
 . METEORITES
 . . IRON METEORITES
 . . . AROOS METEORITE
 . . . ODESSA METEORITE
 . . . SIKHOTE-LIN METEORITE
 RT ACHONDRITES

IRRADIATION

IRON METEORITES-(CONT.)

HARLETON METEORITE
KAMACITE
LAZAREV METEORITE
METEORITIC COMPOSITION
METEORITIC MICROSTRUCTURES
OKHANSK METEORITE
SCHREIBERSITE
STONY METEORITES
TROILITE
WIDMANSTATTEN STRUCTURE

IRRADIATION

GS IRRADIATION
 . AURORAL IRRADIATION
 . ELECTRON IRRADIATION
 . ION IRRADIATION
 . DEUTERON IRRADIATION
 . PROTON IRRADIATION
 . NEUTRON IRRADIATION
 . X RAY IRRADIATION
RT ACTIVATION
 BEAMS (RADIATION)
 . BOMBARDMENT
 . DOSIMETERS
 . ELECTROMAGNETIC ABSORPTION
 . ELECTRON PROBES
 . EMISSION
 . EXCITATION
 . EXPOSURE
 . FLUX DENSITY
 . IONIZING RADIATION
 . LASER INDUCED FLUORESCENCE
 . NUCLEAR CAPTURE
 . NUCLEAR FUSION
 . NUCLEAR RADIATION
 . PRESERVING
 . RADIATION
 . RADIATION DOSAGE
 . RADIATION EFFECTS
 . RADIATION MEASUREMENT
 . RADIATION TOLERANCE
 . RADIOBIOLOGY
 . RADIOGRAPHY
 . TARGETS

IRREGULAR GALAXIES

GS CELESTIAL BODIES
 . GALAXIES
 . . IRREGULAR GALAXIES
RT BL LACERTAE OBJECTS
 GALACTIC RADIATION
 GALACTIC ROTATION
 GALACTIC STRUCTURE
 GUM NEBULA
 HUBBLE CONSTANT
 HUBBLE DIAGRAM
 NEBULAE
 ORION NEBULA
 QUASARS
 RADIO SOURCES (ASTRONOMY)
 RED SHIFT
 STAR CLUSTERS
 STARS

IRREGULAR VARIABLE STARS

GS CELESTIAL BODIES
 . STARS
 . . VARIABLE STARS
 . . . IRREGULAR VARIABLE STARS
 R CORONAE BOREALIS STARS
RT CARBON STARS
 SEMIREGULAR VARIABLE STARS

ISAGEX

USE INTERNATIONAL SATELLITE GEODESY
 EXPERIMENT

ISOPHOTES

RT . ILLUMINATION

ITALIAN SPACE PROGRAM

GS PROGRAMS
 . SPACE PROGRAMS
 . . ITALIAN SPACE PROGRAM
RT EUROPEAN SPACE PROGRAMS
 ITALY
 ORBITING FROG OTOLITH
 SIRIO SATELLITE

IUE

UF INTERNATIONAL ULTRAVIOLET
 EXPLORER
GS SAS-D
 OBSERVATORIES

IUE-(CONT.)

. ASTRONOMICAL OBSERVATORIES
. ASTRONOMICAL SATELLITES
. . . IUE
RT EXPLORER SATELLITES
 EXTREME ULTRAVIOLET EXPLORER
 SATELLITE
 RADIO ASTRONOMY
 SPACEBORNE ASTRONOMY
 ULTRAVIOLET RADIATION

IVUNA METEORITE

GS CELESTIAL BODIES
 . METEORITES
 . . STONY METEORITES
 . . . CHONDRITES
 CARBONACEOUS METEORITES
 IVUNA METEORITE

IZSAK ELLIPSOID

USE ELLIPSOIDS
 GEODESY

J

JANUS

GS CELESTIAL BODIES
 . NATURAL SATELLITES
 . . SATURN SATELLITES
 . . . JANUS
RT SATURN (PLANET)

JAPANESE SPACE PROGRAM

GS PROGRAMS
 . SPACE PROGRAMS
 . . JAPANESE SPACE PROGRAM
RT METEOROLOGICAL SATELLITES
 . RESEARCH PROJECTS
 . SATELLITE DESIGN
 . SPACE MISSIONS
 . SPACE TRANSPORTATION
 . SPACECRAFT
 . SPACECRAFT DESIGN

JET FLAMES

USE FLAMES
 JET FLOW

JITTER

USE VIBRATION

JODRELL BANK OBSERVATORY

GS OBSERVATORIES
 . JODRELL BANK OBSERVATORY
RT ASTRONOMICAL OBSERVATORIES
 GROUND STATIONS
 RADIO TELESCOPES
 TRACKING STATIONS

JUPITER (PLANET)

GS CELESTIAL BODIES
 . PLANETS
 . . GAS GIANT PLANETS
 . . . JUPITER (PLANET)
RT AMALTHEA
 AMOR ASTEROID
 APOLLO ASTEROIDS
 CALLISTO
 EUROPA
 GALILEAN SATELLITES
 GALILEO PROBE
 GALILEO SPACECRAFT
 GANYMEDE
 IO
 JUPITER ATMOSPHERE
 JUPITER PROBES
 JUPITER RED SPOT
 JUPITER RINGS
 JUPITER SATELLITES
 VOYAGER 1 SPACECRAFT
 VOYAGER 2 SPACECRAFT
 VOYAGER 1977 MISSION

JUPITER ATMOSPHERE

GS ENVIRONMENTS
 . EXTRATERRESTRIAL ENVIRONMENTS
 . . PLANETARY ENVIRONMENTS
 . . . PLANETARY ATMOSPHERES
 JUPITER ATMOSPHERE
RT AEROSPACE ENVIRONMENTS
 GALILEO PROJECT

JUPITER ATMOSPHERE-(CONT.)

GEOPHYSICAL FLUID FLOW CELLS
JUPITER (PLANET)
JUPITER RINGS
PLANETARY IONOSPHERES
PLANETARY METEOROLOGY

JUPITER PROBES

GS INTERPLANETARY SPACECRAFT
 . JUPITER PROBES
 . . GALILEO PROBE
 . . . GALILEO SPACECRAFT
 UNMANNED SPACECRAFT
 SPACE PROBES
 JUPITER PROBES
 GALILEO PROBE
 GALILEO SPACECRAFT
RT GALILEO PROJECT
 JUPITER (PLANET)
 VOYAGER 1 SPACECRAFT
 VOYAGER 2 SPACECRAFT
 VOYAGER 1977 MISSION

JUPITER PROJECT

GS PROGRAMS
 . NASA PROGRAMS
 . . NASA SPACE PROGRAMS
 . . . JUPITER PROJECT
 PROJECTS
 JUPITER PROJECT
 SPACE PROGRAMS
 NASA SPACE PROGRAMS
 JUPITER PROJECT
RT LAUNCH VEHICLES

JUPITER RED SPOT

RT GAS GIANT PLANETS
 JUPITER (PLANET)
 PLANETARY SURFACES
 PLANETS
 SURFACE PROPERTIES
 TOPOGRAPHY

JUPITER RINGS

GS CELESTIAL BODIES
 . PLANETARY RINGS
 . . JUPITER RINGS
RT JUPITER (PLANET)
 JUPITER ATMOSPHERE
 JUPITER SATELLITES
 PLANETARY COMPOSITION
 PLANETARY STRUCTURE
 PLANETOLOGY
 . RINGS
 . . SATURN RINGS
 . . . SPACE EXPLORATION
 URANUS RINGS
 VOYAGER 1 SPACECRAFT

JUPITER SATELLITES

GS CELESTIAL BODIES
 . NATURAL SATELLITES
 . . JUPITER SATELLITES
 . . . AMALTHEA
 GALILEAN SATELLITES
 CALLISTO
 EUROPA
 GANYMEDE
 IO
RT ICY SATELLITES
 JUPITER (PLANET)
 JUPITER RINGS
 SOLAR SYSTEM

K

K LINES

GS SPECTRA
 . RADIATION SPECTRA
 . . ELECTROMAGNETIC SPECTRA
 . . . LINE SPECTRA
 K LINES
RT ABSORPTION SPECTRA
 EMISSION SPECTRA
 H LINES

K STARS

GS CELESTIAL BODIES
 . STARS
 . . LATE STARS
 . . . COOL STARS
 K STARS

K STARS-(CONT.)

RT DWARF STARS
GIANT STARS
MAIN SEQUENCE STARS
STELLAR SPECTRA
SUPERGIANT STARS

KAMACITE

GS ALLOYS
 . NICKEL ALLOYS
 . KAMACITE
MINERALS
 . KAMACITE
RT IRON ALLOYS
IRON METEORITES
METEORITIC COMPOSITION

KAPOETA ACHONDRITE

GS CELESTIAL BODIES
 . METEORITES
 . STONY METEORITES
 . ACHONDRITES
 . KAPOETA ACHONDRITE

KEPLER LAWS

GS CLASSICAL MECHANICS
 . SPACE MECHANICS
 . ORBITAL MECHANICS
 . KEPLER LAWS
LAWS
 . KEPLER LAWS

KILOMETER WAVE ORBITING TELESCOPE

GS RADIO EQUIPMENT
 . RADIO TELESCOPES
 . KILOMETER WAVE ORBITING
 TELESCOPE
TELESCOPES
 . RADIO TELESCOPES
 . KILOMETER WAVE ORBITING
 TELESCOPE

KILOMETRIC WAVES

GS ELECTROMAGNETIC RADIATION
 . KILOMETRIC WAVES
RT WAVES

KOHOUTEK COMET

GS CELESTIAL BODIES
 . COMETS
 . KOHOUTEK COMET
RT BESSEL-BREDICHIN THEORY
 . COMA
 . RADIATION PRESSURE
 . SOLAR SYSTEM

KREEP

GS MINERALS
 . KREEP
ROCKS
 . LUNAR ROCKS
 . KREEP
RT GEOLOGY
LUNAR SOIL
PHOSPHATES
POTASSIUM
RARE EARTH ELEMENTS

L**LALLEMAND CAMERAS**

GS OPTICAL EQUIPMENT
 . CAMERAS
 . LALLEMAND CAMERAS
PHOTOGRAPHIC EQUIPMENT
 . CAMERAS
 . LALLEMAND CAMERAS
RT ASTRONOMICAL PHOTOGRAPHY
ELECTRO-OPTICAL PHOTOGRAPHY
IMAGE CONVERTERS
IMAGE INTENSIFIERS
IMAGE TRANSDUCERS
LIGHT AMPLIFIERS
SPECTROSCOPY
TELEVISION CAMERAS

LAMBDA TAURI STARS

GS CELESTIAL BODIES
 . STARS
 . DOUBLE STARS
 . BINARY STARS

LAMBDA TAURI STARS-(CONT.)

... ECLIPSING BINARY STARS
... LAMBDA TAURI STARS
... VARIABLE STARS
... LAMBDA TAURI STARS

LAMINAR FLAMES

USE FLAMES
LAMINAR FLOW

LANDING

GS LANDING
 . AIRCRAFT LANDING
 . CRASH LANDING
 . DITCHING (LANDING)
 . SKID LANDINGS
 . BLIND LANDING
 . GLIDE LANDINGS
 . HORIZONTAL SPACECRAFT LANDING
 . HARD LANDING
 . SOFT LANDING
 . SPACECRAFT LANDING
 . HORIZONTAL SPACECRAFT LANDING
 . LUNAR LANDING
 . MARS LANDING
 . PLANETARY LANDING
 . TOUCHDOWN
 . VERTICAL LANDING
 . WATER LANDING
 . DITCHING (LANDING)
RT AIR TRAFFIC CONTROL
APPROACH
APPROACH AND LANDING TESTS (STS)
ARRIVALS
GUIDANCE (MOTION)
INSTRUMENT FLIGHT RULES
INSTRUMENT LANDING SYSTEMS
MANEUVERS
RUNWAYS
TAKEOFF
VISUAL FLIGHT

LANDING MODULES

GS MODULES
 . SPACECRAFT MODULES
 . LANDING MODULES
 . LUNAR LANDING MODULES
 . LUNAR MODULE
 . LSSM
 . MARS EXCURSION MODULE
 . SOFT LANDING SPACECRAFT
 . LANDING MODULES
 . LUNAR LANDING MODULES
 . LUNAR MODULE
 . APOLLO LUNAR EXPERIMENT
 MODULE
 . LSSM
 . LUNAR MODULE 5
 . LUNAR MODULE 7
 . MARS EXCURSION MODULE
SPACECRAFT COMPONENTS
 . SPACECRAFT MODULES
 . LANDING MODULES
 . LUNAR LANDING MODULES
 . LUNAR MODULE
 . LSSM
 . MARS EXCURSION MODULE
RT APOLLO SPACECRAFT
INTERPLANETARY SPACECRAFT
LAUNCH VEHICLES
MANEUVERABLE SPACECRAFT
MANNED SPACECRAFT
REENTRY VEHICLES
REUSABLE SPACECRAFT
SPACE CAPSULES
SPACECRAFT DOCKING MODULES

LANDING SITES

GS SITES
 . LANDING SITES
 . LUNAR LANDING SITES
RT HELIPORTS
RECOVERY ZONES
RUNWAYS
TRAJECTORY CONTROL

LANDSCAPE

USE TERRAIN
TOPOGRAPHY

LARGE INFRARED TELESCOPE ON SPACELAB

USE LIRTS (TELESCOPE)

LARGE SPACE TELESCOPE

USE HUBBLE SPACE TELESCOPE

LATE STARS

GS CELESTIAL BODIES
 . STARS
 . LATE STARS
 . COOL STARS
 . CARBON STARS
 . FLARE STARS
 . K STARS
 . M STARS
 . VAN BIESBROECK STAR
 . MIRA VARIABLES
 . OMICRON CETI STAR
 . S STARS
RT ASYMPTOTIC GIANT BRANCH STARS
DWARF STARS
EARLY STARS
GIANT STARS
MAIN SEQUENCE STARS
RED DWARF STARS
RED GIANT STARS
STELLAR EVOLUTION
SUBGIANT STARS

LAUNCH DATES

RT LAUNCHING
SPACECRAFT LAUNCHING
TIME
TURNAROUND (STS)

LAVA

GS EFFUSIVES
 . LAVA
RT AGGREGATES
CALDERAS
CONES (VOLCANOES)
EARTH RESOURCES
IGNEOUS ROCKS
MAGMA
MARIA
MARS VOLCANOES
MINERALS
REGOLITH
RHYOLITE
ROCKS
SOILS
VOLCANOES
VOLCANOLOGY

LAZAREV METEORITE

GS CELESTIAL BODIES
 . METEORITES
 . LAZAREV METEORITE
RT IRON METEORITES
STONY METEORITES

LDEF

USE LONG DURATION EXPOSURE FACILITY

LEM (LUNAR MODULE)

USE LUNAR MODULE

LENS DESIGN

RT ANTIREFLECTION COATINGS
COMPUTER AIDED DESIGN
 . DESIGN
 . GRADIENT INDEX OPTICS
 . LENSES
 . OPTICAL CORRECTION PROCEDURE
 . OPTICS
 . PRODUCT DEVELOPMENT
 . STIGMATISM
 . ZOOM LENSES

LEO ENVIRONMENTS

USE EARTH ORBITAL ENVIRONMENTS

LEONID METEORIODS

GS CELESTIAL BODIES
 . METEOROID SHOWERS
 . LEONID METEORIODS
 . METEORIODS
 . LEONID METEORIODS

LESA (LUNAR EXPLORATION SYSTEM)

USE LUNAR EXPLORATION SYSTEM FOR
APOLLO

LIBRATION

RT EARTH LIMB
LISSAJOUS FIGURES
LUNAR FAR SIDE
LUNAR LIMB
 . MOTION
 . NUTATION

LIBRATIONAL MOTION

LIBRATION-(CONT.)

ORBITAL RESONANCES (CELESTIAL MECHANICS)
PRECESSION
ROTATION

LIBRATIONAL MOTION

RT LAGRANGE COORDINATES
∞ MOTION
NUTATION
ORBITAL RESONANCES (CELESTIAL MECHANICS)

LIFE DETECTORS

RT BIOSATELLITES
∞ DETECTORS
EXTRATERRESTRIAL LIFE

LIGHT (VISIBLE RADIATION)

UF EXTRAGALACTIC LIGHT
OPTICAL SPECTRUM
VISIBLE RADIATION
GS ELECTROMAGNETIC RADIATION
... LIGHT (VISIBLE RADIATION)
... COHERENT LIGHT
... GEGENSCHN
... LIGHT BEAMS
... POLARIZED LIGHT
... SKY RADIATION
... AIRGLOW
... GEOCORONAL EMISSIONS
... NIGHTGLOW
... TWILIGHT GLOW
... DAYGLOW
... SUNLIGHT
... ZODIACAL LIGHT
RT ATMOSPHERIC RADIATION
ATTENUATION
BEAMS (RADIATION)
BLACK BODY RADIATION
BRIGHTNESS
CERENKOV RADIATION
COHERENT ELECTROMAGNETIC RADIATION
COHERENT RADIATION
COLOR
CRITICAL FREQUENCIES
DARKNESS
DICHROISM
ELECTROMAGNETIC SPECTRA
ENERGY ABSORPTION
EXCITONS
EXTRATERRESTRIAL RADIATION
∞ FLASH
∞ GEOMETRICAL OPTICS
GLARE
ILLUMINANCE
INCANDESCENCE
INFRARED RADIATION
LIGHT CURVE
LIGHTING EQUIPMENT
LINE SPECTRA
LUMENS
LUMINAIRES
LUMINANCE
LUMINESCENCE
LUMINOSITY
LUMINOUS INTENSITY
MONOCHROMATIC RADIATION
NEAR INFRARED RADIATION
NEAR ULTRAVIOLET RADIATION
OPACITY
OPTICAL DEPOLARIZATION
OPTICAL EMISSION SPECTROSCOPY
OPTICAL MEASUREMENT
OPTICAL PROPERTIES
∞ OPTICS
PHOTICS
PHOTOMETRY
PHOTONS
PHOTONUCLEAR REACTIONS
PHOTOPHILIC PLANTS
PHOTOPHORESIS
PHOTOSENSITIVITY
PLANETARY RADIATION
POLARIZED ELECTROMAGNETIC RADIATION
POLARIZERS
∞ RADIATION
RAMAN SPECTRA
REFLECTION
REFRACTION
REFRACTIVITY
SHADOWS
SKY BRIGHTNESS

LIGHT (VISIBLE RADIATION)-(CONT.)

SOLAR RADIATION
THERMAL RADIATION
TRANSMITTANCE
ULTRAVIOLET SPECTRA
VISIBILITY
VISIBLE SPECTRUM

LIGHT CURVE

RT ∞ CURVES
LIGHT (VISIBLE RADIATION)
STELLAR RADIATION

LIGHT DURATION

USE FLASH
PULSE DURATION

LIGHT EMISSION

UF OPTICAL EMISSION
GS EMISSION
... LIGHT EMISSION
... INCANDESCENCE
... LUMINESCENCE
... BIOLUMINESCENCE
... CATHODE GLOW
... CATHODOLUMINESCENCE
... CHEMILUMINESCENCE
... ELECTROLUMINESCENCE
... FLUORESCENCE
... LASER INDUCED FLUORESCENCE
... PHOSPHORESCENCE
... RESONANCE FLUORESCENCE
... X RAY FLUORESCENCE
... LUNAR LUMINESCENCE
... OPTICAL RESONANCE
... PHOTOLUMINESCENCE
... TRIBOLUMINESCENCE
... X RAY FLUORESCENCE
... SHOCK WAVE LUMINESCENCE
... SONOLUMINESCENCE
... SPACECRAFT GLOW
... THERMOLUMINESCENCE
RT AIRGLOW
AURORAL ABSORPTION
AURORAL IONIZATION
AURORAL SPECTROSCOPY
AURORAS
DIFFRACTION RADIATION
DIMMING
ELECTROMAGNETIC RADIATION
LINEAR POLARIZATION
∞ OPTICS
SELF SUSTAINED EMISSION
SKY BRIGHTNESS
SPECTRAL EMISSION
STIMULATED EMISSION
WHITE HOLES (ASTRONOMY)

LIGHT INTENSITY

USE LUMINOUS INTENSITY

LIGHT PRESSURE

USE ILLUMINANCE

LIGHT SPEED

GS RATES (PER TIME)
... LIGHT SPEED
VELOCITY
... LIGHT SPEED
RT HIGH SPEED
RELATIVISTIC VELOCITY
SCHWARZSCHILD METRIC

LIMB BRIGHTENING

RT B STARS
BRIGHTNESS
BRIGHTNESS TEMPERATURE
∞ LIMBS
SOLAR FLUX
SOLAR FLUX DENSITY
SOLAR GRANULATION
SOLAR LIMB
STELLAR ATMOSPHERES
STELLAR LUMINOSITY

LIMB DARKENING

GS DARKENING
... LIMB DARKENING
RT B STARS
BINARY STARS
∞ LIMBS
SOLAR LIMB
STELLAR ATMOSPHERES
STELLAR LUMINOSITY

∞ LIMBS

SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)
RT EARTH LIMB
LIMB BRIGHTENING
LIMB DARKENING
LIMBS (ANATOMY)
LUNAR LIMB
PLANETARY LIMB
SOLAR LIMB

LINE OF SIGHT

RT AREA
COORDINATES
∞ DIRECTION
LOCI
TARGETS

LINE SPECTRA

UF SPECTRAL LINES
GS SPECTRA
... RADIATION SPECTRA
... ELECTROMAGNETIC SPECTRA
... LINE SPECTRA
... BALMER SERIES
... D LINES
... ELECTRONIC SPECTRA
... FRAUNHOFER LINES
... H LINES
... H ALPHA LINE
... H BETA LINE
... H GAMMA LINE
... K LINES
... LYMAN SPECTRA
... PASCHEN SERIES
... RYDBERG SERIES
... TELLURIC LINES
RT ABSORPTION SPECTRA
ATOMIC ENERGY LEVELS
BOHR THEORY
EMISSION SPECTRA
FINE STRUCTURE
FLAME SPECTROSCOPY
FREQUENCIES
HYPERFINE STRUCTURE
INFRARED SPECTRA
LIGHT (VISIBLE RADIATION)
∞ LINES
MOLECULAR SPECTROSCOPY
OSCILLATOR STRENGTHS
PRESSURE BROADENING
RAMAN SPECTRA
RAMAN SPECTROSCOPY
RESONANCE LINES
SEYFERT GALAXIES
SOLAR SPECTRA
SPECTRAL BANDS
SPECTRAL EMISSION
SPECTRAL ENERGY DISTRIBUTION
SPECTRAL LINE WIDTH
SPECTRAL RESOLUTION
SPECTROGRAMS
SPECTRUM ANALYSIS
STARK EFFECT
STELLAR SPECTRA
ULTRAVIOLET SPECTRA
VISIBLE SPECTRUM

LIRTS (TELESCOPE)

UF LARGE INFRARED TELESCOPE ON SPACELAB
GS TELESCOPES
... SPACEBORNE TELESCOPES
... LIRTS (TELESCOPE)
RT EUROPEAN SPACE AGENCY
PAYLOADS
SPACE SHUTTLES
SPACELAB

LISSAJOUS FIGURES

RT ECCENTRIC ORBITS
EQUATIONS OF MOTION
LIBRATION
LUNAR ORBITS
SATELLITE ORBITS

LITHOLOGY

GS GEOLOGY
... LITHOLOGY
RT REGOLITH
ROCKS

LITHOSPHERE

GS LITHOSPHERE

LUMINOUS INTENSITY

LITHOSPHERE-(CONT.)

RT EARTH CORE
EARTH CRUST
EARTH MANTLE
EARTH SURFACE
EARTH PLANETARY STRUCTURE
PLANETARY MANTLES
PLATES (TECTONICS)
SUBDUCTION (GEOLOGY)

LIXISCOPES

UF LOW INTENSITY X RAY IMAGING
SCOPES
GS MEDICAL EQUIPMENT
X RAY APPARATUS
LIXISCOPES
RT PORTABLE EQUIPMENT
RADIOGRAPHY
X RAY ASTRONOMY
X RAY IMAGERY

LOCAL GROUP (ASTRONOMY)

GS CELESTIAL BODIES
GALAXIES
GALACTIC CLUSTERS
LOCAL GROUP (ASTRONOMY)
ANDROMEDA GALAXY
RT BARRED GALAXIES
COSMOLOGY
DISK GALAXIES
DWARF GALAXIES
ELLIPTICAL GALAXIES
SOLAR NEIGHBORHOOD
SPIRAL GALAXIES
VIRGO GALACTIC CLUSTER

LOCAL SCIENTIFIC SURVEY MODULE

GS MODULES
LOCAL SCIENTIFIC SURVEY MODULE
RT INSTRUMENT PACKAGES
LUNAR EXPLORATION
MEASURING INSTRUMENTS

LOCALIZATION

USE POSITION (LOCATION)

LOCATION

USE POSITION (LOCATION)

LOLA (SIMULATOR)

USE LUNAR ORBIT AND LANDING
SIMULATORS

LONG DURATION EXPOSURE FACILITY

UF LDEF
GS ARTIFICIAL SATELLITES
SCIENTIFIC SATELLITES
LONG DURATION EXPOSURE
FACILITY
LABORATORIES
SPACE LABORATORIES
LONG DURATION EXPOSURE
FACILITY
SPACE PLATFORMS
LONG DURATION EXPOSURE FACILITY
RT SPACEBORNE EXPERIMENTS

LONG DURATION SPACE FLIGHT

UF EXTENDED DURATION SPACE FLIGHT
SPACE FLIGHT
GS LONG DURATION SPACE FLIGHT
RT DEEP SPACE
EXTRATERRESTRIAL ENVIRONMENTS
FLIGHT
FLYBY MISSIONS
INTERPLANETARY FLIGHT
INTERSTELLAR TRAVEL
MANNED MARS MISSIONS
MANNED SPACE FLIGHT
MISSIONS
PLANETARY ENVIRONMENTS
SPACE ADAPTATION SYNDROME

LONG PERIOD VARIABLES

USE MIRA VARIABLES

LONG WAVE RADIATION

GS ELECTROMAGNETIC RADIATION
RADIO WAVES
LONG WAVE RADIATION
RT FAR INFRARED RADIATION
MONOCHROMATIC RADIATION
RADIATION
SHORT WAVE RADIATION

LONG WAVE RADIATION-(CONT.)

SOLAR RADIATION

LOOK ANGLES (TRACKING)

GS GEOMETRY
EUCLIDEAN GEOMETRY
ANGLES (GEOMETRY)
LOOK ANGLES (TRACKING)
RT AZIMUTH
ELEVATION ANGLE
FIELD OF VIEW

LOR (RENDEZVOUS)

USE LUNAR ORBITAL RENDEZVOUS

LOW EARTH ORBITAL ENVIRONMENTS

USE EARTH ORBITAL ENVIRONMENTS

LOW INTENSITY X RAY IMAGING SCOPES

USE LIXISCOPES

LOWER ATMOSPHERE

SN (ALTITUDE BELOW ABOUT 50 KM)
GS EARTH ATMOSPHERE
LOWER ATMOSPHERE
TROPOSPHERE
TROPOPAUSE
RT BIOSPHERE
CHEMOSPHERE
HETEROSPHERE
HOMOSPHERE
INTASAT SATELLITE
LACATE (EXPERIMENT)
LOW ALTITUDE
MESOMETEOROLOGY
MIDDLE ATMOSPHERE

LOWER IONOSPHERE

GS EARTH ATMOSPHERE
UPPER ATMOSPHERE
EARTH IONOSPHERE
LOWER IONOSPHERE
D REGION
RT E REGION

LRV (VEHICLE)

USE LUNAR ROVING VEHICLES

LSSM

UF LUNAR SURFACE SCIENTIFIC MODULES
GS LUNAR SPACECRAFT
LUNAR LANDING MODULES
LUNAR MODULE
LSSM
MANNED SPACECRAFT
LUNAR MODULE
LSSM
MODULES
SPACECRAFT MODULES
LANDING MODULES
LUNAR LANDING MODULES
LUNAR MODULE
LSSM
SOFT LANDING SPACECRAFT
LANDING MODULES
LUNAR LANDING MODULES
LUNAR MODULE
LSSM
SPACECRAFT COMPONENTS
SPACECRAFT MODULES
LANDING MODULES
LUNAR LANDING MODULES
LUNAR MODULE
LSSM
RT APOLLO PROJECT
SURFACES

LST

USE HUBBLE SPACE TELESCOPE

LUMINANCE

SN (LIMITED TO EMISSION RATE PER UNIT
AREA OF VISIBLE RADIATION)
GS PRESSURE
RADIATION PRESSURE
LUMINOUS INTENSITY
LUMINANCE
RATES (PER TIME)
FLUX DENSITY
RADIANT FLUX DENSITY
LUMINOUS INTENSITY
LUMINANCE
RT BRIGHTNESS
GLARE

LUMINANCE-(CONT.)

ILLUMINANCE
ILLUMINATING
INTENSITY
IRRADIANCE
LIGHT (VISIBLE RADIATION)
LUMENS
OPTICAL PROPERTIES
PHOTOMETRY
SKY BRIGHTNESS
SOLAR FLUX DENSITY
STELLAR MAGNITUDE

LUMINESCENCE

UF GLOW
NOCTILUCENCE
GS EMISSION
LIGHT EMISSION
LUMINESCENCE
BIOLUMINESCENCE
CATHODE GLOW
CATHODOLUMINESCENCE
CHEMILUMINESCENCE
ELECTROLUMINESCENCE
FLUORESCENCE
LASER INDUCED FLUORESCENCE
PHOSPHORESCENCE
RESONANCE FLUORESCENCE
X RAY FLUORESCENCE
LUNAR LUMINESCENCE
OPTICAL RESONANCE
PHOTOLUMINESCENCE
TRIBOLUMINESCENCE
X RAY FLUORESCENCE
SHOCK WAVE LUMINESCENCE
SONOLUMINESCENCE
SPACECRAFT GLOW
THERMOLUMINESCENCE
RT AFTERGLOWS
ALKALI VAPOR LAMPS
BRIGHTNESS
ELECTRON-HOLE DROPS
FRAUNHOFER LINE DISCRIMINATORS
ILLUMINATION
ILLUMINATORS
INCANDESCENCE
LIGHT (VISIBLE RADIATION)
LIGHT EMITTING DIODES
LUMENS
LUMINOSITY
LUMINOUS INTENSITY
NOCTILUCENT CLOUDS
OPTICAL TRANSITION
PLASMA RADIATION
STELLAR LUMINOSITY
STOKES LAW OF RADIATION
VISIBILITY

LUMINESCENT INTENSITY

USE LUMINOUS INTENSITY

LUMINOSITY

GS ELECTROMAGNETIC PROPERTIES
OPTICAL PROPERTIES
LUMINOSITY
STELLAR LUMINOSITY
RT BRIGHTNESS
EMISSION
EMITTANCE
ILLUMINANCE
INCANDESCENCE
LIGHT (VISIBLE RADIATION)
LUMENS
LUMINESCENCE
MASS TO LIGHT RATIOS
PHOSPHENE
RADIANCE
RADIANT FLUX DENSITY
VISIBILITY

LUMINOUS FLUX DENSITY

USE LUMINOUS INTENSITY

LUMINOUS INTENSITY

SN (LIMITED TO EMISSION OR DETECTION
RATE PER UNIT AREA OF VISIBLE
RADIATION)
UF LIGHT INTENSITY
LUMINESCENT INTENSITY
LUMINOUS FLUX DENSITY
GS PRESSURE
RADIATION PRESSURE
LUMINOUS INTENSITY
ILLUMINANCE
LUMINANCE

LUNA LUNAR PROBES

LUMINOUS INTENSITY-(CONT.)

RATES (PER TIME)
 . FLUX DENSITY
 . . RADIANT FLUX DENSITY
 . . . LUMINOUS INTENSITY
 ILLUMINANCE
 LUMINANCE
 RT BL LACERTAE OBJECTS
 BRIGHTNESS
 EMITTANCE
 FLUX (RATE)
 INCANDESCENCE
 ∞ INTENSITY
 IRRADIANCE
 LIGHT (VISIBLE RADIATION)
 LUMINESCENCE
 MASS TO LIGHT RATIOS
 RADIANCY
 SEYFERT GALAXIES
 SOLAR FLUX DENSITY
 STELLAR MAGNITUDE

LUNA LUNAR PROBES

USE LUNIK LUNAR PROBES

LUNAR ALBEDO

GS ALBEDO
 . LUNAR ALBEDO
 RT ABSORPTANCE
 COSMIC RAY ALBEDO
 EARTH ALBEDO
 OPTICAL PROPERTIES
 SURFACE PROPERTIES

LUNAR ATMOSPHERE

UF LUNAR IONOSPHERE
 GS ENVIRONMENTS
 . EXTRATERRESTRIAL ENVIRONMENTS
 . . LUNAR ENVIRONMENT
 . . . LUNAR ATMOSPHERE
 . . . SATELLITE ATMOSPHERES
 . . . LUNAR ATMOSPHERE
 RT MOON
 PLANETARY ATMOSPHERES

LUNAR BASES

GS SPACE BASES
 . LUNAR BASES
 RT AEPS
 ∞ ASTRONAUTICS
 ∞ BASES
 ∞ MOON
 ORBITING LUNAR STATIONS
 SPACE COLONIES
 STATIONS

LUNAR CINEMATOGRAPHY

USE LUNAR PHOTOGRAPHY

LUNAR COMPOSITION

GS COMPOSITION (PROPERTY)
 . LUNAR COMPOSITION
 RT LUNAR CORE
 MOON
 PRE-IMBRIAN PERIOD
 SELENOLOGY

LUNAR CORE

GS CORES
 . LUNAR CORE
 RT LUNAR COMPOSITION
 LUNAR GEOLOGY
 PLANETARY CORES
 SELENOLOGY

LUNAR CRATERS

GS CRATERS
 . LUNAR CRATERS
 . . PTOLEMAEUS CRATER
 . . TYCHO CRATER
 RT METEORITE CRATERS
 MOON
 PRE-IMBRIAN PERIOD
 SELENOGRAPHY
 SELENOLOGY

LUNAR CRUST

GS CRUSTS
 . LUNAR CRUST
 RT EARTH CRUST
 MOON
 PLANETARY CRUSTS
 SELENOGRAPHY
 SELENOLOGY

LUNAR DUST

GS PARTICLES
 . DUST
 . . LUNAR DUST
 SOILS
 . LUNAR SOIL
 . . LUNAR DUST
 RT MOON
 SELENOLOGY

LUNAR ECHOES

GS ECHOES
 . LUNAR ECHOES
 . . LUNAR RADAR ECHOES
 RT RADIO ECHOES
 SELENOLOGY

LUNAR ECLIPSES

GS ECLIPSES
 . LUNAR ECLIPSES
 RT MOON
 SELENOLOGY

LUNAR EFFECTS

UF LUNAR PERTURBATION
 GS LUNAR EFFECTS
 . LUNAR GRAVITATIONAL EFFECTS
 . LUNAR TIDES
 RT ∞ EFFECTS
 ORBIT PERTURBATION
 SELENOLOGY

LUNAR ENVIRONMENT

GS ENVIRONMENTS
 . EXTRATERRESTRIAL ENVIRONMENTS
 . . LUNAR ENVIRONMENT
 . . . LUNAR ATMOSPHERE
 RT AEROSPACE ENVIRONMENTS
 BIOASTRONAUTICS
 EXOBIOLOGY
 LIFE SUPPORT SYSTEMS
 MOON
 PLANETARY ENVIRONMENTS
 SELENOLOGY
 THERMAL ENVIRONMENTS

LUNAR EQUATOR

GS EQUATORS
 . LUNAR EQUATOR
 RT INFRARED IMAGERY
 RADAR IMAGERY
 SELENOLOGY

LUNAR ESCAPE DEVICES

RT ESCAPE CAPSULES
 ESCAPE ROCKETS

LUNAR EVOLUTION

GS EVOLUTION (DEVELOPMENT)
 . LUNAR EVOLUTION
 RT MOON
 PRE-IMBRIAN PERIOD
 SELENOLOGY

LUNAR EXPLORATION

GS EXPLORATION
 . LUNAR EXPLORATION
 RT APOLLO LUNAR EXPERIMENT MODULE
 APOLLO LUNAR SURFACE EXPERIMENTS
 PACKAGE
 APOLLO PROJECT
 APOLLO 5 FLIGHT
 APOLLO 6 FLIGHT
 APOLLO 7 FLIGHT
 APOLLO 8 FLIGHT
 APOLLO 9 FLIGHT
 APOLLO 10 FLIGHT
 APOLLO 11 FLIGHT
 APOLLO 12 FLIGHT
 APOLLO 13 FLIGHT
 APOLLO 14 FLIGHT
 APOLLO 15 FLIGHT
 APOLLO 16 FLIGHT
 APOLLO 17 FLIGHT
 EASEP
 EXTRATERRESTRIAL RESOURCES
 LOCAL SCIENTIFIC SURVEY MODULE
 MOON
 SELENOLOGY
 SPACE EXPLORATION

LUNAR EXPLORATION SYSTEM FOR APOLLO

UF LESA (LUNAR EXPLORATION SYSTEM)
 RT APOLLO PROJECT

LUNAR EXPLORATION SYSTEM FOR-(CONT.)

APOLLO 5 FLIGHT
 APOLLO 6 FLIGHT
 APOLLO 7 FLIGHT
 APOLLO 8 FLIGHT
 APOLLO 9 FLIGHT
 APOLLO 10 FLIGHT
 APOLLO 11 FLIGHT
 APOLLO 12 FLIGHT
 APOLLO 13 FLIGHT
 APOLLO 14 FLIGHT
 APOLLO 15 FLIGHT
 APOLLO 16 FLIGHT
 APOLLO 17 FLIGHT
 ∞ SYSTEMS

LUNAR FAR SIDE

RT LIBRATION
 MOON
 SELENOLOGY

LUNAR FIGURE

RT SELENOLOGY

LUNAR FLIGHT

GS SPACE FLIGHT
 . LUNAR FLIGHT
 RT APOLLO 5 FLIGHT
 APOLLO 6 FLIGHT
 APOLLO 7 FLIGHT
 APOLLO 8 FLIGHT
 APOLLO 9 FLIGHT
 APOLLO 10 FLIGHT
 APOLLO 11 FLIGHT
 APOLLO 12 FLIGHT
 APOLLO 13 FLIGHT
 APOLLO 14 FLIGHT
 APOLLO 15 FLIGHT
 APOLLO 16 FLIGHT
 APOLLO 17 FLIGHT
 CIRCUMLUNAR TRAJECTORIES
 CISLUNAR SPACE
 EARTH-MOON TRAJECTORIES
 ∞ FLIGHT
 FLYBY MISSIONS
 MOON-EARTH TRAJECTORIES
 ORBITS

LUNAR FLYING VEHICLES

RT ∞ FLIGHT VEHICLES
 LIFTING BODIES
 ∞ VEHICLES

LUNAR GEOLOGY

GS GEOLOGY
 . LUNAR GEOLOGY
 RT GEOMORPHOLOGY
 LUNAR CORE
 LUNAR MARIA
 LUNAR SEISMOGRAPHS
 MOON
 MOONQUAKES
 PLANETARY GEOLOGY
 PRE-IMBRIAN PERIOD
 REGOLITH
 SEISMOLOGY
 SELENOLOGY

LUNAR GRAVITATION

GS GRAVITATION
 . LUNAR GRAVITATION
 RT MOON
 PLANETARY GRAVITATION
 SELENOLOGY

LUNAR GRAVITATIONAL EFFECTS

GS GRAVITATIONAL EFFECTS
 . LUNAR GRAVITATIONAL EFFECTS
 LUNAR EFFECTS
 . LUNAR GRAVITATIONAL EFFECTS
 RT ∞ EFFECTS
 SELENOLOGY

LUNAR IONOSPHERE

USE LUNAR ATMOSPHERE

LUNAR LANDING

GS LANDING
 . SPACECRAFT LANDING
 . . LUNAR LANDING
 RT APOLLO LUNAR EXPERIMENT MODULE
 APOLLO 5 FLIGHT
 APOLLO 6 FLIGHT
 APOLLO 7 FLIGHT

LUNAR ORBITER

LUNAR LANDING-(CONT.)

APOLLO 8 FLIGHT
APOLLO 9 FLIGHT
APOLLO 10 FLIGHT
APOLLO 11 FLIGHT
APOLLO 12 FLIGHT
APOLLO 13 FLIGHT
APOLLO 14 FLIGHT
APOLLO 15 FLIGHT
APOLLO 16 FLIGHT
APOLLO 17 FLIGHT
CRASH LANDING
HARD LANDING
PLANETARY LANDING
SOFT LANDING
SURVEYOR PROJECT

LUNAR LANDING MODULES

GS LUNAR SPACECRAFT
LUNAR LANDING MODULES
LUNAR MODULE
APOLLO LUNAR EXPERIMENT
MODULE
LSSM
LUNAR MODULE 5
LUNAR MODULE 7
MODULES
SPACECRAFT MODULES
LANDING MODULES
LUNAR LANDING MODULES
LUNAR MODULE
LSSM
SOFT LANDING SPACECRAFT
LANDING MODULES
LUNAR LANDING MODULES
LUNAR MODULE
APOLLO LUNAR EXPERIMENT
MODULE
LSSM
LUNAR MODULE 5
LUNAR MODULE 7
SPACECRAFT COMPONENTS
SPACECRAFT MODULES
LANDING MODULES
LUNAR LANDING MODULES
LUNAR MODULE
LSSM
RT APOLLO EXTENSION SYSTEM
MANEUVERABLE SPACECRAFT
MANNED SPACECRAFT
REUSABLE SPACECRAFT
UNMANNED SPACECRAFT

LUNAR LANDING SITES

GS SITES
LANDING SITES
LUNAR LANDING SITES
RT MOON
SELENOGRAPHY

LUNAR LAUNCH

GS LAUNCHING
ROCKET LAUNCHING
LUNAR LAUNCH
RT APOLLO 5 FLIGHT
APOLLO 6 FLIGHT
APOLLO 7 FLIGHT
APOLLO 8 FLIGHT
APOLLO 9 FLIGHT
APOLLO 10 FLIGHT
APOLLO 11 FLIGHT
APOLLO 12 FLIGHT
APOLLO 13 FLIGHT
APOLLO 14 FLIGHT
APOLLO 15 FLIGHT
APOLLO 16 FLIGHT
APOLLO 17 FLIGHT
ORBITAL LAUNCHING
SATURN PROJECT

LUNAR LIMB

RT LIBRATION
LIMBS
MOON
PLANETARY LIMB
SELENOLOGY

LUNAR LOGISTICS

GS LOGISTICS
LUNAR LOGISTICS
RT LIFE SUPPORT SYSTEMS
MANNED LUNAR SURFACE VEHICLES
MATERIALS HANDLING

LUNAR LUMINESCENCE

GS EMISSION
LIGHT EMISSION
LUMINESCENCE
LUNAR LUMINESCENCE
RT MOON
SELENOLOGY

LUNAR MAGNETIC FIELDS

GS MAGNETIC FIELDS
LUNAR MAGNETIC FIELDS
RT MOON
SELENOLOGY

LUNAR MANTLE

RT CRUSTS
EARTH MANTLE
PLANETARY MANTLES
PLANETARY STRUCTURE
REGOLITH
SELENOLOGY

LUNAR MAPS

GS MAPS
LUNAR MAPS
RT ASTRONOMICAL MAPS
MOON
SELENOGRAPHY

LUNAR MARIA

GS MARIA
LUNAR MARIA
RT BASALT
LUNAR GEOLOGY
LUNAR ROCKS
SELENOLOGY

LUNAR MOBILE LABORATORIES

UF MOLABS
GS LABORATORIES
LUNAR MOBILE LABORATORIES
SURFACE VEHICLES
LUNAR SURFACE VEHICLES
LUNAR MOBILE LABORATORIES
RT APOLLO PROJECT
MANNED LUNAR SURFACE VEHICLES
SELENOGRAPHY

LUNAR MODULE

UF LEM (LUNAR MODULE)
GS LUNAR SPACECRAFT
LUNAR LANDING MODULES
LUNAR MODULE
APOLLO LUNAR EXPERIMENT
MODULE
LSSM
LUNAR MODULE 5
LUNAR MODULE 7
MANNED SPACECRAFT
LUNAR MODULE
APOLLO LUNAR EXPERIMENT
MODULE
LSSM
LUNAR MODULE 5
LUNAR MODULE 7
MODULES
SPACECRAFT MODULES
LANDING MODULES
LUNAR LANDING MODULES
LUNAR MODULE
LSSM
SOFT LANDING SPACECRAFT
LANDING MODULES
LUNAR LANDING MODULES
LUNAR MODULE
APOLLO LUNAR EXPERIMENT
MODULE
LSSM
LUNAR MODULE 5
LUNAR MODULE 7
SPACECRAFT COMPONENTS
SPACECRAFT MODULES
LANDING MODULES
LUNAR LANDING MODULES
LUNAR MODULE
LSSM
RT APOLLO SPACECRAFT
APOLLO 5 FLIGHT
APOLLO 6 FLIGHT
APOLLO 7 FLIGHT
APOLLO 8 FLIGHT
APOLLO 9 FLIGHT
APOLLO 10 FLIGHT
APOLLO 11 FLIGHT
APOLLO 12 FLIGHT

LUNAR MODULE-(CONT.)

APOLLO 13 FLIGHT
APOLLO 14 FLIGHT
APOLLO 15 FLIGHT
APOLLO 16 FLIGHT
APOLLO 17 FLIGHT
ASCENT PROPULSION SYSTEMS

LUNAR MODULE ASCENT STAGE

RT ASCENT
ASCENT TRAJECTORIES
ROCKET ENGINES
STAGE SEPARATION

LUNAR MODULE 5

GS LUNAR SPACECRAFT
LUNAR LANDING MODULES
LUNAR MODULE
LUNAR MODULE 5
MANNED SPACECRAFT
LUNAR MODULE
LUNAR MODULE 5
SOFT LANDING SPACECRAFT
LANDING MODULES
LUNAR LANDING MODULES
LUNAR MODULE
LUNAR MODULE 5
RT APOLLO SPACECRAFT

LUNAR MODULE 7

GS LUNAR SPACECRAFT
LUNAR LANDING MODULES
LUNAR MODULE
LUNAR MODULE 7
MANNED SPACECRAFT
LUNAR MODULE
LUNAR MODULE 7
SOFT LANDING SPACECRAFT
LANDING MODULES
LUNAR LANDING MODULES
LUNAR MODULE
LUNAR MODULE 7
RT APOLLO SPACECRAFT

LUNAR OBSERVATORIES

GS OBSERVATORIES
LUNAR OBSERVATORIES
RT ASTRONOMICAL OBSERVATORIES

LUNAR OCCULTATION

GS OCCULTATION
LUNAR OCCULTATION
SOLAR ECLIPSES
RT EXOSAT SATELLITE
MOON
SELENOLOGY
STELLAR OCCULTATION

LUNAR ORBIT AND LANDING SIMULATORS

UF LOLA (SIMULATOR)
GS SIMULATORS
LUNAR ORBIT AND LANDING
SIMULATORS
RT FLIGHT SIMULATORS
TRAINING SIMULATORS

LUNAR ORBITAL RENDEZVOUS

UF LOR (RENDEZVOUS)
GS MANEUVERS
ORBITAL RENDEZVOUS
LUNAR ORBITAL RENDEZVOUS
RENDEZVOUS
SPACE RENDEZVOUS
ORBITAL RENDEZVOUS
LUNAR ORBITAL RENDEZVOUS
RT EARTH ORBITAL RENDEZVOUS
ORBITAL MECHANICS
SPACECRAFT TRAJECTORIES

LUNAR ORBITER

GS ARTIFICIAL SATELLITES
LUNAR SATELLITES
LUNAR ORBITER
LUNAR ORBITER 1
LUNAR ORBITER 2
LUNAR ORBITER 3
LUNAR ORBITER 4
LUNAR ORBITER 5
LUNAR SPACECRAFT
LUNAR SATELLITES
LUNAR ORBITER
LUNAR ORBITER 1
LUNAR ORBITER 2
LUNAR ORBITER 3
LUNAR ORBITER 4

LUNAR ORBITER A

LUNAR ORBITER-(CONT.)

... LUNAR ORBITER 5

LUNAR ORBITER A
USE LUNAR ORBITER 1

LUNAR ORBITER B
USE LUNAR ORBITER 2

LUNAR ORBITER C
USE LUNAR ORBITER 3

LUNAR ORBITER D
USE LUNAR ORBITER 4

LUNAR ORBITER E
USE LUNAR ORBITER 5

LUNAR ORBITER 1
UF LUNAR ORBITER A
GS ARTIFICIAL SATELLITES
... LUNAR SATELLITES
... LUNAR ORBITER
... LUNAR ORBITER 1
LUNAR SPACECRAFT
... LUNAR SATELLITES
... LUNAR ORBITER
... LUNAR ORBITER 1

LUNAR ORBITER 2
UF LUNAR ORBITER B
GS ARTIFICIAL SATELLITES
... LUNAR SATELLITES
... LUNAR ORBITER
... LUNAR ORBITER 2
LUNAR SPACECRAFT
... LUNAR SATELLITES
... LUNAR ORBITER
... LUNAR ORBITER 2

LUNAR ORBITER 3
UF LUNAR ORBITER C
GS ARTIFICIAL SATELLITES
... LUNAR SATELLITES
... LUNAR ORBITER
... LUNAR ORBITER 3
LUNAR SPACECRAFT
... LUNAR SATELLITES
... LUNAR ORBITER
... LUNAR ORBITER 3

LUNAR ORBITER 4
UF LUNAR ORBITER D
GS ARTIFICIAL SATELLITES
... LUNAR SATELLITES
... LUNAR ORBITER
... LUNAR ORBITER 4
LUNAR SPACECRAFT
... LUNAR SATELLITES
... LUNAR ORBITER
... LUNAR ORBITER 4

LUNAR ORBITER 5
UF LUNAR ORBITER E
GS ARTIFICIAL SATELLITES
... LUNAR SATELLITES
... LUNAR ORBITER
... LUNAR ORBITER 5
LUNAR SPACECRAFT
... LUNAR SATELLITES
... LUNAR ORBITER
... LUNAR ORBITER 5

LUNAR ORBITS
UF EVICTION
GS ORBITS
RT LUNAR ORBITS
ARTIFICIAL SATELLITES
CIRCULAR ORBITS
CIRCUMLUNAR TRAJECTORIES
CISLUNAR SPACE
COMMAND SERVICE MODULES
EARTH ORBITS
EARTH-MOON TRAJECTORIES
ELLIPTICAL ORBITS
EQUATORIAL ORBITS
LISSAJOUS FIGURES
MOON
ORBITAL MECHANICS
PARKING ORBITS
PERILUNES
POLAR ORBITS
SATELLITE ORBITS
SPACECRAFT ORBITS

LUNAR ORBITS-(CONT.)

TRANSFER ORBITS

LUNAR PERTURBATION
USE LUNAR EFFECTS

LUNAR PHASES
RT MOON
∞ PHASES
SELENOLOGY
TERMINATOR LINES

LUNAR PHOTOGRAPHS
GS PHOTOGRAPHS
... LUNAR PHOTOGRAPHS
RT ASTRONOMICAL PHOTOGRAPHY
PHOTOGRAPHY
RANGER PROJECT
SPACEBORNE PHOTOGRAPHY

LUNAR PHOTOGRAPHY
UF LUNAR CINEMATOGRAPHY
GS IMAGERY
... LUNAR PHOTOGRAPHY
PHOTOGRAPHY
... LUNAR PHOTOGRAPHY
RT ASTRONOMICAL PHOTOGRAPHY
BLACK AND WHITE PHOTOGRAPHY
INFRARED PHOTOGRAPHY
MOON
RANGER PROJECT
SPACEBORNE PHOTOGRAPHY

LUNAR PROBES
GS LUNAR SPACECRAFT
... LUNAR PROBES
... LUNIK LUNAR PROBES
... LUNIK 2 LUNAR PROBE
... LUNIK 3 LUNAR PROBE
... LUNIK 9 LUNAR PROBE
... LUNIK 10 LUNAR PROBE
... LUNIK 11 LUNAR PROBE
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... LUNIK 16 LUNAR PROBE
... LUNIK 17 LUNAR PROBE
... LUNIK 19 LUNAR PROBE
... LUNIK 20 LUNAR PROBE
... LUNIK 22 LUNAR PROBE
... RANGER LUNAR PROBES
... RANGER LUNAR LANDING
VEHICLES

... RANGER 1 LUNAR PROBE
... RANGER 2 LUNAR PROBE
... RANGER 3 LUNAR PROBE
... RANGER 4 LUNAR PROBE
... RANGER 5 LUNAR PROBE
... RANGER 6 LUNAR PROBE
... RANGER 7 LUNAR PROBE
... RANGER 8 LUNAR PROBE
... RANGER 9 LUNAR PROBE
... SURVEYOR LUNAR PROBES
... SURVEYOR 1 LUNAR PROBE
... SURVEYOR 2 LUNAR PROBE
... SURVEYOR 3 LUNAR PROBE
... SURVEYOR 4 LUNAR PROBE
... SURVEYOR 5 LUNAR PROBE
... SURVEYOR 6 LUNAR PROBE
... SURVEYOR 7 LUNAR PROBE
UNMANNED SPACECRAFT
... SPACE PROBES
... LUNAR PROBES
... LUNIK LUNAR PROBES
... LUNIK 2 LUNAR PROBE
... LUNIK 3 LUNAR PROBE
... LUNIK 9 LUNAR PROBE
... LUNIK 10 LUNAR PROBE
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... LUNIK 22 LUNAR PROBE
... RANGER LUNAR PROBES
... RANGER LUNAR LANDING
VEHICLES
... RANGER 1 LUNAR PROBE
... RANGER 2 LUNAR PROBE
... RANGER 3 LUNAR PROBE
... RANGER 4 LUNAR PROBE
... RANGER 5 LUNAR PROBE

LUNAR PROBES-(CONT.)

... RANGER 6 LUNAR PROBE
... RANGER 7 LUNAR PROBE
... RANGER 8 LUNAR PROBE
... RANGER 9 LUNAR PROBE
... SURVEYOR LUNAR PROBES
... SURVEYOR 1 LUNAR PROBE
... SURVEYOR 2 LUNAR PROBE
... SURVEYOR 3 LUNAR PROBE
... SURVEYOR 4 LUNAR PROBE
... SURVEYOR 5 LUNAR PROBE
... SURVEYOR 6 LUNAR PROBE
... SURVEYOR 7 LUNAR PROBE
RT APOLLO PROJECT
ATLAS ABLE 5 LAUNCH VEHICLE
MANEUVERABLE SPACECRAFT
PIONEER PROJECT
RANGER PROJECT
SOFT LANDING SPACECRAFT
SURVEYOR PROJECT

LUNAR PROGRAMS
GS PROGRAMS
... LUNAR PROGRAMS
... APOLLO PROJECT
... SURVEYOR PROJECT

LUNAR RADAR ECHOES
UF LUNAR SCATTERING
GS ECHOES
... LUNAR ECHOES
... LUNAR RADAR ECHOES
... RADAR ECHOES
... LUNAR RADAR ECHOES
RT SELENOLOGY

LUNAR RADIATION
GS EXTRATERRESTRIAL RADIATION
... LUNAR RADIATION
RT ∞ RADIATION
SELENOLOGY

LUNAR RANGEFINDING
GS RANGEFINDING
... LUNAR RANGEFINDING
RT DISTANCE MEASURING EQUIPMENT
LASER RANGE FINDERS
MEASURING INSTRUMENTS
OPTICAL RANGE FINDERS
RANGE FINDERS

LUNAR RAYS
SN (EXCLUDES RADIATION)
RT METEORITE CRATERS
MOON
∞ RAYS
SELENOGRAPHY

LUNAR ROCKS
GS ROCKS
... LUNAR ROCKS
... KREEP
RT GABBRO
IMPACT MELTS
LUNAR MARIA
PARTICLE TRACKS
PRE-IMBRIAN PERIOD
REGOLITH
SELENOGRAPHY
SELENOLOGY

LUNAR ROTATION
GS ROTATING BODIES
... LUNAR ROTATION
RT CENTER OF GRAVITY
SELENOLOGY
SPIN DYNAMICS

LUNAR ROVING VEHICLES
UF LRV (VEHICLE)
GS SURFACE VEHICLES
... LUNAR SURFACE VEHICLES
... LUNAR ROVING VEHICLES
... LUNOKHOD LUNAR ROVING
VEHICLES
... MANNED LUNAR SURFACE
VEHICLES
... ROVING VEHICLES
... LUNAR ROVING VEHICLES
... LUNOKHOD LUNAR ROVING
VEHICLES
RT PROVING
RESEARCH VEHICLES
∞ VEHICLES

LUNIK 10 LUNAR PROBE

LUNAR SATELLITES

GS ARTIFICIAL SATELLITES
 . LUNAR SATELLITES
 . . . EXPLORER 18 SATELLITE
 . . . EXPLORER 28 SATELLITE
 . . . IMP
 . . . LUNAR ORBITER
 . . . LUNAR ORBITER 1
 . . . LUNAR ORBITER 2
 . . . LUNAR ORBITER 3
 . . . LUNAR ORBITER 4
 . . . LUNAR ORBITER 5
 . . . ORBITING LUNAR STATIONS
 LUNAR SPACECRAFT
 . LUNAR SATELLITES
 . . . EXPLORER 18 SATELLITE
 . . . EXPLORER 28 SATELLITE
 . . . IMP
 . . . LUNAR ORBITER
 . . . LUNAR ORBITER 1
 . . . LUNAR ORBITER 2
 . . . LUNAR ORBITER 3
 . . . LUNAR ORBITER 4
 . . . LUNAR ORBITER 5
 . . . ORBITING LUNAR STATIONS
 RT MANEUVERABLE SPACECRAFT
 MANNED SPACECRAFT
 PERILUNES
 POLAR ORBITS
 UNMANNED SPACECRAFT

LUNAR SCATTERING

USE DIFFUSE RADIATION
 LUNAR RADAR ECHOES

LUNAR SEISMOGRAPHS

GS MEASURING INSTRUMENTS
 . VIBRATION METERS
 . SEISMOGRAPHS
 . . . LUNAR SEISMOGRAPHS
 . . . RECORDING INSTRUMENTS
 . . . SEISMOGRAPHS
 . . . LUNAR SEISMOGRAPHS
 RT LUNAR GEOLOGY
 SELENOLOGY

LUNAR SHADOW

GS SHADOWS
 . LUNAR SHADOW
 RT ECLIPSES
 MOON
 SELENOLOGY
 SOLAR ECLIPSES

LUNAR SOIL

GS SOILS
 . LUNAR SOIL
 . . . LUNAR DUST
 RT KREEP
 MINERALS
 MOON
 PENETROMETERS
 SELENOLOGY

LUNAR SPACECRAFT

GS LUNAR SPACECRAFT
 . APOLLO SPACECRAFT
 . . . APOLLO LUNAR EXPERIMENT
 . . . MODULE
 . . . LUNAR LANDING MODULES
 . . . LUNAR MODULE
 . . . APOLLO LUNAR EXPERIMENT
 . . . MODULE
 . . . LSSM
 . . . LUNAR MODULE 5
 . . . LUNAR MODULE 7
 . . . LUNAR PROBES
 . . . LUNIK LUNAR PROBES
 . . . LUNIK 2 LUNAR PROBE
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 . . . LUNIK 22 LUNAR PROBE
 . . . RANGER LUNAR PROBES
 . . . RANGER LUNAR LANDING
 . . . VEHICLES
 . . . RANGER 1 LUNAR PROBE

LUNAR SPACECRAFT-(CONT.)

. . . RANGER 2 LUNAR PROBE
 . . . RANGER 3 LUNAR PROBE
 . . . RANGER 4 LUNAR PROBE
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 . . . SURVEYOR LUNAR PROBES
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 . . . SURVEYOR 6 LUNAR PROBE
 . . . SURVEYOR 7 LUNAR PROBE
 . . . LUNAR SATELLITES
 . . . EXPLORER 18 SATELLITE
 . . . EXPLORER 28 SATELLITE
 . . . IMP
 . . . LUNAR ORBITER
 . . . LUNAR ORBITER 1
 . . . LUNAR ORBITER 2
 . . . LUNAR ORBITER 3
 . . . LUNAR ORBITER 4
 . . . LUNAR ORBITER 5
 . . . ORBITING LUNAR STATIONS
 RT APOLLO 5 FLIGHT
 APOLLO 6 FLIGHT
 ARTIFICIAL SATELLITES
 HALO ORBIT SPACE STATION
 MANNED SPACECRAFT
 RENDEZVOUS SPACECRAFT
 SPACE CAPSULES
 ∞ SPACECRAFT
 SURVEYOR PROJECT
 UNMANNED SPACECRAFT

LUNAR SURFACE

GS SATELLITE SURFACES
 . LUNAR SURFACE
 RT SELENOLOGY
 SURFACE LAYERS
 SURFACE PROPERTIES
 ∞ SURFACES

LUNAR SURFACE SCIENTIFIC MODULES

USE LSSM

LUNAR SURFACE VEHICLES

GS SURFACE VEHICLES
 . LUNAR SURFACE VEHICLES
 . . . LUNAR MOBILE LABORATORIES
 . . . LUNAR ROVING VEHICLES
 . . . LUNOKHOD LUNAR ROVING
 . . . VEHICLES
 . . . MANNED LUNAR SURFACE
 . . . VEHICLES
 RT CRAWLER TRACTORS
 ∞ SURFACES
 ∞ VEHICLES
 WALKING MACHINES

LUNAR TEMPERATURE

GS TEMPERATURE
 . LUNAR TEMPERATURE
 RT HIGH TEMPERATURE ENVIRONMENTS
 LOW TEMPERATURE ENVIRONMENTS
 MOON
 SELENOLOGY

LUNAR TOPOGRAPHY

GS TOPOGRAPHY
 . LUNAR TOPOGRAPHY
 RT MOON
 SELENOGRAPHY
 SELENOLOGY
 SURFACE PROPERTIES
 SURFACE ROUGHNESS

LUNAR TRAJECTORIES

GS TRAJECTORIES
 . SPACECRAFT TRAJECTORIES
 . . . LUNAR TRAJECTORIES
 . . . CIRCUMLUNAR TRAJECTORIES
 . . . EARTH-MOON TRAJECTORIES
 . . . MOON-EARTH TRAJECTORIES
 RT PARKING ORBITS
 TRANSFER ORBITS

LUNIK LUNAR PROBES

UF LUNA LUNAR PROBES
 GS LUNAR SPACECRAFT
 . LUNAR PROBES

LUNIK LUNAR PROBES-(CONT.)

. . . LUNIK LUNAR PROBES
 . . . LUNIK 2 LUNAR PROBE
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 SOVIET SPACECRAFT
 . LUNIK LUNAR PROBES
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 . . . LUNIK 22 LUNAR PROBE
 UNMANNED SPACECRAFT
 . SPACE PROBES
 . . . LUNAR PROBES
 . . . LUNIK LUNAR PROBES
 . . . LUNIK 2 LUNAR PROBE
 . . . LUNIK 3 LUNAR PROBE
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 . . . LUNIK 19 LUNAR PROBE
 . . . LUNIK 20 LUNAR PROBE
 . . . LUNIK 22 LUNAR PROBE
 RT LUNOKHOD LUNAR ROVING VEHICLES
 U.S.S.R. SPACE PROGRAM

LUNIK 2 LUNAR PROBE

GS LUNAR SPACECRAFT
 . LUNAR PROBES
 . . . LUNIK LUNAR PROBES
 . . . LUNIK 2 LUNAR PROBE
 SOVIET SPACECRAFT
 . LUNIK LUNAR PROBES
 . . . LUNIK 2 LUNAR PROBE
 UNMANNED SPACECRAFT
 . SPACE PROBES
 . . . LUNAR PROBES
 . . . LUNIK LUNAR PROBES
 . . . LUNIK 2 LUNAR PROBE

LUNIK 3 LUNAR PROBE

GS LUNAR SPACECRAFT
 . LUNAR PROBES
 . . . LUNIK LUNAR PROBES
 . . . LUNIK 3 LUNAR PROBE
 SOVIET SPACECRAFT
 . LUNIK LUNAR PROBES
 . . . LUNIK 3 LUNAR PROBE
 UNMANNED SPACECRAFT
 . SPACE PROBES
 . . . LUNAR PROBES
 . . . LUNIK LUNAR PROBES
 . . . LUNIK 3 LUNAR PROBE

LUNIK 9 LUNAR PROBE

GS LUNAR SPACECRAFT
 . LUNAR PROBES
 . . . LUNIK LUNAR PROBES
 . . . LUNIK 9 LUNAR PROBE
 SOVIET SPACECRAFT
 . LUNIK LUNAR PROBES
 . . . LUNIK 9 LUNAR PROBE
 UNMANNED SPACECRAFT
 . SPACE PROBES
 . . . LUNAR PROBES
 . . . LUNIK LUNAR PROBES
 . . . LUNIK 9 LUNAR PROBE

LUNIK 10 LUNAR PROBE

GS LUNAR SPACECRAFT
 . LUNAR PROBES

LUNIK 11 LUNAR PROBE

LUNIK 10 LUNAR PROBE-(CONT.)

.. LUNIK LUNAR PROBES
 .. LUNIK 10 LUNAR PROBE
 SOVIET SPACECRAFT
 .. LUNIK LUNAR PROBES
 .. LUNIK 10 LUNAR PROBE
 UNMANNED SPACECRAFT
 .. SPACE PROBES
 .. LUNAR PROBES
 .. LUNIK LUNAR PROBES
 .. LUNIK 10 LUNAR PROBE

LUNIK 11 LUNAR PROBE

GS LUNAR SPACECRAFT
 .. LUNAR PROBES
 .. LUNIK LUNAR PROBES
 .. LUNIK 11 LUNAR PROBE
 SOVIET SPACECRAFT
 .. LUNIK LUNAR PROBES
 .. LUNIK 11 LUNAR PROBE
 UNMANNED SPACECRAFT
 .. SPACE PROBES
 .. LUNAR PROBES
 .. LUNIK LUNAR PROBES
 .. LUNIK 11 LUNAR PROBE

LUNIK 12 LUNAR PROBE

GS LUNAR SPACECRAFT
 .. LUNAR PROBES
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 .. LUNIK 12 LUNAR PROBE
 SOVIET SPACECRAFT
 .. LUNIK LUNAR PROBES
 .. LUNIK 12 LUNAR PROBE
 UNMANNED SPACECRAFT
 .. SPACE PROBES
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LUNIK 13 LUNAR PROBE

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 SOVIET SPACECRAFT
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 UNMANNED SPACECRAFT
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LUNIK 14 LUNAR PROBE

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 SOVIET SPACECRAFT
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 UNMANNED SPACECRAFT
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LUNIK 16 LUNAR PROBE

GS LUNAR SPACECRAFT
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 SOVIET SPACECRAFT
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 UNMANNED SPACECRAFT
 .. SPACE PROBES
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LUNIK 17 LUNAR PROBE

GS LUNAR SPACECRAFT
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 SOVIET SPACECRAFT
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 UNMANNED SPACECRAFT
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LUNIK 19 LUNAR PROBE

GS LUNAR SPACECRAFT
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 .. LUNIK 19 LUNAR PROBE
 SOVIET SPACECRAFT
 .. LUNIK LUNAR PROBES
 .. LUNIK 19 LUNAR PROBE
 UNMANNED SPACECRAFT
 .. SPACE PROBES
 .. LUNAR PROBES
 .. LUNIK LUNAR PROBES
 .. LUNIK 19 LUNAR PROBE
 U.S.S.R. SPACE PROGRAM

LUNIK 20 LUNAR PROBE

GS LUNAR SPACECRAFT
 .. LUNAR PROBES
 .. LUNIK LUNAR PROBES
 .. LUNIK 20 LUNAR PROBE
 SOVIET SPACECRAFT
 .. LUNIK LUNAR PROBES
 .. LUNIK 20 LUNAR PROBE
 UNMANNED SPACECRAFT
 .. SPACE PROBES
 .. LUNAR PROBES
 .. LUNIK LUNAR PROBES
 .. LUNIK 20 LUNAR PROBE

LUNIK 22 LUNAR PROBE

GS LUNAR SPACECRAFT
 .. LUNAR PROBES
 .. LUNIK LUNAR PROBES
 .. LUNIK 22 LUNAR PROBE
 SOVIET SPACECRAFT
 .. LUNIK LUNAR PROBES
 .. LUNIK 22 LUNAR PROBE
 UNMANNED SPACECRAFT
 .. SPACE PROBES
 .. LUNAR PROBES
 .. LUNIK LUNAR PROBES
 .. LUNIK 22 LUNAR PROBE
 U.S.S.R. SPACE PROGRAM

LUNOKHOD LUNAR ROVING VEHICLES

GS SURFACE VEHICLES
 .. LUNAR SURFACE VEHICLES
 .. LUNAR ROVING VEHICLES
 .. LUNOKHOD LUNAR ROVING
 VEHICLES
 .. ROVING VEHICLES
 .. LUNAR ROVING VEHICLES
 .. LUNOKHOD LUNAR ROVING
 VEHICLES
 RT LUNIK LUNAR PROBES
 U.S.S.R. SPACE PROGRAM
 ∞ VEHICLES

LYMAN ALPHA RADIATION

GS ELECTROMAGNETIC RADIATION
 .. ULTRAVIOLET RADIATION
 .. FAR ULTRAVIOLET RADIATION
 .. LYMAN ALPHA RADIATION
 IONIZING RADIATION
 .. ULTRAVIOLET RADIATION
 .. FAR ULTRAVIOLET RADIATION
 .. LYMAN ALPHA RADIATION
 RT ATOMIC SPECTRA
 EXTRATERRESTRIAL RADIATION
 POLARIZED ELECTROMAGNETIC
 RADIATION
 ∞ RADIATION
 ULTRAVIOLET ASTRONOMY

LYMAN BETA RADIATION

GS ELECTROMAGNETIC RADIATION
 .. ULTRAVIOLET RADIATION
 .. FAR ULTRAVIOLET RADIATION
 .. LYMAN BETA RADIATION
 IONIZING RADIATION
 .. ULTRAVIOLET RADIATION
 .. FAR ULTRAVIOLET RADIATION
 .. LYMAN BETA RADIATION
 RT ATOMIC SPECTRA
 EXTRATERRESTRIAL RADIATION
 POLARIZED ELECTROMAGNETIC
 RADIATION
 ∞ RADIATION
 ULTRAVIOLET ASTRONOMY

LYMAN SPECTRA

GS SPECTRA
 .. RADIATION SPECTRA
 .. ELECTROMAGNETIC SPECTRA
 .. LINE SPECTRA

LYMAN SPECTRA-(CONT.)

RT .. LYMAN SPECTRA
 ATOMIC SPECTRA
 ELECTRONIC SPECTRA
 EMISSION SPECTRA
 H LINES
 SOLAR SPECTRA
 SPECTRAL THEORY
 ULTRAVIOLET SPECTRA

LYRA CONSTELLATION

GS CONSTELLATIONS
 .. LYRA CONSTELLATION
 RT CELESTIAL BODIES
 CELESTIAL SPHERE
 STARS

M

M REGION

GS REGIONS
 .. M REGION
 RT GEOMAGNETISM
 SOLAR ATMOSPHERE
 SOLAR CORPUSCULAR RADIATION
 SOLAR WIND

M STARS

GS CELESTIAL BODIES
 .. STARS
 .. LATE STARS
 .. COOL STARS
 .. M STARS
 .. VAN BIESBROECK STAR
 RT ASYMPTOTIC GIANT BRANCH STARS
 FLARE STARS
 GIANT STARS
 MAIN SEQUENCE STARS
 MIRA VARIABLES
 RED GIANT STARS
 S STARS
 SUBGIANT STARS
 SUPERGIANT STARS
 SYMBIOTIC STARS

MAARS

USE CRATERS

MAFFEI GALAXIES

GS CELESTIAL BODIES
 .. GALAXIES
 .. MAFFEI GALAXIES
 RT NEBULAE
 RADIO ASTRONOMY
 RADIO GALAXIES
 RADIO SOURCES (ASTRONOMY)
 SPIRAL GALAXIES

MAGELLAN MISSION (ESA)

USE MAGELLAN ULTRAVIOLET ASTRONOMY
 SATELLITE

MAGELLAN PROJECT (NASA)

SN (DOES NOT INCLUDE THE MAGELLAN
 ULTRAVIOLET ASTRONOMY SATELLITE)
 UF VENUS RADAR MAPPER PROJECT
 GS PROGRAMS
 .. NASA PROGRAMS
 .. NASA SPACE PROGRAMS
 .. MAGELLAN PROJECT (NASA)
 .. PROJECTS
 .. MAGELLAN PROJECT (NASA)
 .. SPACE PROGRAMS
 .. NASA SPACE PROGRAMS
 .. MAGELLAN PROJECT (NASA)
 RT MAGELLAN SPACECRAFT (NASA)
 SPACE EXPLORATION
 SPACE MISSIONS
 VENUS ORBITING IMAGING RADAR
 (SPACECRAFT)
 VENUS PROBES
 VENUS SURFACE

MAGELLAN SPACECRAFT (NASA)

SN (DOES NOT INCLUDE THE MAGELLAN
 ULTRAVIOLET ASTRONOMY SATELLITE)
 UF VENUS RADAR MAPPER
 GS INTERPLANETARY SPACECRAFT
 .. VENUS PROBES
 .. MAGELLAN SPACECRAFT (NASA)
 UNMANNED SPACECRAFT

MAGNETOSPHERE-IONOSPHERE COUPLING

MAGELLAN SPACECRAFT (NASA)-(CONT.)

- . SPACE PROBES
- . VENUS PROBES
- **MAGELLAN SPACECRAFT (NASA)**
- RT **MAGELLAN PROJECT (NASA)**
- RADAR IMAGERY
- ∞ SPACECRAFT
- SYNTHETIC APERTURE RADAR
- VENUS ORBITING IMAGING RADAR (SPACECRAFT)
- VENUS SURFACE

MAGELLAN ULTRAVIOLET ASTRONOMY SATELLITE

- UF **MAGELLAN MISSION (ESA)**
- GS **ARTIFICIAL SATELLITES**
- . ESA SATELLITES
- . . . **MAGELLAN ULTRAVIOLET ASTRONOMY SATELLITE**
- ESA SPACECRAFT
- . ESA SATELLITES
- . . . **MAGELLAN ULTRAVIOLET ASTRONOMY SATELLITE**
- OBSERVATORIES
- . ASTRONOMICAL OBSERVATORIES
- . . ASTRONOMICAL SATELLITES
- . . . **MAGELLAN ULTRAVIOLET ASTRONOMY SATELLITE**
- RT **EXTREME ULTRAVIOLET RADIATION**
- FAR ULTRAVIOLET RADIATION
- SPACEBORNE ASTRONOMY

MAGELLANIC CLOUDS

- GS **CELESTIAL BODIES**
- . GALAXIES
- . . . **MAGELLANIC CLOUDS**
- RT ∞ CLOUDS
- NEBULAE
- ORION NEBULA
- STAR CLUSTERS
- STARS
- SUPERNOVA 1987A

MAGMA

- RT **IGNEOUS ROCKS**
- LAVA
- REGOLITH
- RHYOLITE
- ROCKS
- SOILS

MAGNETIC CLOUDS

- GS **MAGNETIC FIELDS**
- . **MAGNETIC CLOUDS**
- PARTICLES
- . CHARGED PARTICLES
- . . PLASMA CLOUDS
- . . . **MAGNETIC CLOUDS**
- RT ∞ CLOUDS
- INTERPLANETARY MAGNETIC FIELDS
- INTERPLANETARY MEDIUM
- INTERSTELLAR GAS
- INTERSTELLAR MAGNETIC FIELDS
- MAGNETIC FIELD CONFIGURATIONS
- SOLAR CORONA
- SOLAR WIND
- STELLAR MASS EJECTION

MAGNETIC FIELD CONFIGURATIONS

- RT **ASTROPHYSICS**
- ELECTROMAGNETIC FIELDS
- FORCE-FREE MAGNETIC FIELDS
- HELICAL WINDINGS
- MAGNETIC CLOUDS
- MAGNETIC FIELD RECONNECTION
- PLASMA COMPRESSION
- PLASMA CONTROL
- PLASMA PHYSICS
- POLAR CUSPS
- POLOIDAL FLUX
- SPHEROMAKS
- STELLAR MAGNETIC FIELDS

MAGNETIC FIELD RECONNECTION

- GS **MAGNETIC PROPERTIES**
- . MAGNETOACTIVITY
- . . **MAGNETIC FIELD RECONNECTION**
- RT **INTERPLANETARY MAGNETIC FIELDS**
- MAGNETIC FIELD CONFIGURATIONS
- MAGNETIC FIELDS
- MAGNETIC FLUX
- MAGNETOSPHERE-IONOSPHERE COUPLING
- SOLAR MAGNETIC FIELD
- SPACE PLASMAS

MAGNETIC FIELDS

- GS **MAGNETIC FIELDS**
- . BIOMAGNETISM
- . . FORCE-FREE MAGNETIC FIELDS
- . . . GEOMAGNETISM
- . . . INTERPLANETARY MAGNETIC FIELDS
- . . . INTERSTELLAR MAGNETIC FIELDS
- . . . LUNAR MAGNETIC FIELDS
- . . . MAGNETIC CLOUDS
- . . . MAGNETOSTATIC FIELDS
- . . . NONUNIFORM MAGNETIC FIELDS
- . . . PALEOMAGNETISM
- . . . PLANETARY MAGNETIC FIELDS
- . . . STELLAR MAGNETIC FIELDS
- . . . SOLAR MAGNETIC FIELD
- . . . TRAPPED MAGNETIC FIELDS
- RT **BERNSTEIN ENERGY PRINCIPLE**
- BETA FACTOR
- CONJUGATE POINTS
- CONSTITUTIVE EQUATIONS
- CROSSED FIELDS
- DEMAGNETIZATION
- EARTH MAGNETOSPHERE
- ELECTRIC FIELDS
- ELECTROMAGNETIC ACCELERATION
- ELECTROMAGNETIC FIELDS
- ELECTROMAGNETISM
- ELECTROMECHANICS
- ELECTRON-HOLE DROPS
- FERROMAGNETIC RESONANCE
- FIELD EMISSION
- FIELD STRENGTH
- FIELD THEORY (PHYSICS)
- ∞ FIELDS
- FLUX PUMPS
- GEOMAGNETIC TAIL
- HELIOS SATELLITES
- INTASAT SATELLITE
- ∞ KERR EFFECTS
- LINES OF FORCE
- LORENTZ FORCE
- MAGNETIC ENERGY STORAGE
- MAGNETIC FIELD RECONNECTION
- MAGNETIZATION
- MAGNETO-OPTICS
- MAGNETOACTIVITY
- MAGNETOPLASMA DYNAMICS
- MAGNETORESISTIVITY
- MAGNETOSTATICS
- MAGNETS
- MULTIPOLAR FIELDS
- NONTHERMAL RADIATION
- PARTICLE ACCELERATION
- PINCH EFFECT
- POLAR CUSPS
- POLARITY
- RACETRACKS (PARTICLE ACCELERATORS)
- RADIATION BELTS
- SCREW PINCH
- SCYLLA
- SELF CONSISTENT FIELDS
- SQUARE WELLS
- SUHL EFFECT
- ZEEMAN EFFECT

MAGNETIC STARS

- GS **CELESTIAL BODIES**
- . STARS
- . . **MAGNETIC STARS**
- RT **PECULIAR STARS**

MAGNETIC STORMS

- UF **GEOMAGNETIC STORMS**
- MAGNETIC SUBSTORMS
- GS **MAGNETIC DISTURBANCES**
- . **MAGNETIC STORMS**
- STORMS
- RT **MAGNETIC STORMS**
- DAWN CHORUS
- FORBUSH DECREASES
- NOISE STORMS
- SOLAR STORMS
- SOLAR TERRESTRIAL INTERACTIONS
- SPREAD F
- SUDDEN IONOSPHERIC DISTURBANCES
- SUDDEN STORM COMMENCEMENTS

MAGNETIC SUBSTORMS

- USE **MAGNETIC STORMS**

MAGNETOGASDYNAMICS

- USE **MAGNETOHYDRODYNAMICS**

MAGNETOHYDRODYNAMIC ACCELERATION USE PLASMA ACCELERATION

MAGNETOHYDRODYNAMICS

- UF **GEOMETRICAL HYDROMAGNETICS**
- HYDROMAGNETICS
- HYDROMAGNETISM
- MAGNETOGASDYNAMICS
- GS **FLUID MECHANICS**
- . FLUID DYNAMICS
- . . HYDRODYNAMICS
- . . . **MAGNETOHYDRODYNAMICS**
- . . . HYDROMECHANICS
- . . . HYDRODYNAMICS
- . . . **MAGNETOHYDRODYNAMICS**
- RT **ALPHA PLASMA DEVICES**
- CONDUCTING FLUIDS
- ∞ DYNAMICS
- ELECTRIC ARCS
- ELECTROHYDRODYNAMICS
- GAS DYNAMICS
- GAS TRANSPORT
- HALL ACCELERATORS
- HALL EFFECT
- HARTMANN FLOW
- HARTMANN NUMBER
- IONIZATION
- MAGNETOHYDRODYNAMIC FLOW
- MAGNETOHYDRODYNAMIC GENERATORS
- MAGNETOHYDRODYNAMIC STABILITY
- MAGNETOHYDRODYNAMIC WAVES
- MAGNETOHYDROSTATICS
- MAGNETOIONICS
- MAGNETOSONIC RESONANCE
- PINCH EFFECT
- PLASMA CURRENTS
- PLASMA DYNAMICS
- PLASMA PHYSICS
- PLASMA PROPULSION
- PLASMAS (PHYSICS)
- SPACE CHARGE
- SPACE MECHANICS
- SPACE PLASMAS
- STELLAR ACTIVITY
- STELLARATORS
- THERMONUCLEAR REACTIONS
- URANIUM PLASMAS

MAGNETOIONIC PLASMA

- USE **PLASMAS (PHYSICS)**

MAGNETOPOUSE

- GS **ENVIRONMENTS**
- . EARTH MAGNETOSPHERE
- . . **MAGNETOPOUSE**
- RT **CHAPMAN-FERRARO PROBLEM**
- MAGNETOSHEATH
- MAGNETOSPHERIC INSTABILITY
- POLAR CUSPS
- SATELLITE ATMOSPHERES
- SOLAR WIND

MAGNETOPLASMAS

- USE **PLASMAS (PHYSICS)**

MAGNETOSHEATH

- GS **ENVIRONMENTS**
- . EARTH MAGNETOSPHERE
- . . **MAGNETOSHEATH**
- RT **BOW WAVES**
- EARTH ENVIRONMENT
- GEOMAGNETISM
- MAGNETOPOUSE
- PLASMA SHEATHS
- SHOCK FRONTS
- SOLAR PLANETARY INTERACTIONS
- SOLAR TERRESTRIAL INTERACTIONS
- SOLAR WIND

MAGNETOSPHERE-IONOSPHERE COUPLING

- UF **IONOSPHERE-MAGNETOSPHERE COUPLING**
- GS **COUPLING**
- . **MAGNETOSPHERE-IONOSPHERE COUPLING**
- RT **AERONOMY**
- ATMOSPHERIC PHYSICS
- COUPLED MODES
- EARTH IONOSPHERE
- EARTH MAGNETOSPHERE
- ∞ IONOSPHERES
- MAGNETIC FIELD RECONNECTION
- MAGNETOSPHERIC INSTABILITY
- PLANETARY IONOSPHERES

MAGNETOSPHERES

∞ MAGNETOSPHERES

- SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
 RT EARTH MAGNETOSPHERE
 PLANETARY MAGNETOSPHERES

MAGNETOSPHERIC ELECTRON DENSITY

- GS DENSITY (NUMBER/VOLUME)
 . PARTICLE DENSITY (CONCENTRATION)
 . ELECTRON DENSITY (CONCENTRATION)
 . . . MAGNETOSPHERIC ELECTRON DENSITY
 RT ATMOSPHERIC DENSITY
 IONOSPHERIC ELECTRON DENSITY
 PLASMA DENSITY

MAGNETOSPHERIC ION DENSITY

- GS DENSITY (NUMBER/VOLUME)
 . PARTICLE DENSITY (CONCENTRATION)
 . ION DENSITY (CONCENTRATION)
 . . . MAGNETOSPHERIC ION DENSITY
 . . . MAGNETOSPHERIC PROTON DENSITY
 RT ATMOSPHERIC DENSITY
 IONOSPHERIC ION DENSITY
 PLASMA DENSITY
 POSITIVE IONS

MAGNETOSPHERIC PROTON DENSITY

- GS DENSITY (NUMBER/VOLUME)
 . PARTICLE DENSITY (CONCENTRATION)
 . ION DENSITY (CONCENTRATION)
 . . . MAGNETOSPHERIC ION DENSITY
 . . . MAGNETOSPHERIC PROTON DENSITY
 . . . PROTON DENSITY (CONCENTRATION)
 MAGNETOSPHERIC PROTON DENSITY
 RT ATMOSPHERIC DENSITY
 PLASMA DENSITY

MAIN SEQUENCE STARS

- GS CELESTIAL BODIES
 . STARS
 . . MAIN SEQUENCE STARS
 . . . DWARF STARS
 DWARF NOVAE
 FLARE STARS
 RED DWARF STARS
 . . . SUN
 RT COLOR-MAGNITUDE DIAGRAM
 EARLY STARS
 F STARS
 G STARS
 GIANT STARS
 K STARS
 LATE STARS
 M STARS
 PRE-MAIN SEQUENCE STARS
 STELLAR EVOLUTION
 STELLAR MASS
 SUBDWARF STARS
 SUBGIANT STARS

MANEUVERS

- GS MANEUVERS
 . AIRCRAFT MANEUVERS
 . EVASIVE ACTIONS
 . HOVERING
 . ORBITAL RENDEZVOUS
 . . EARTH ORBITAL RENDEZVOUS
 . . LUNAR ORBITAL RENDEZVOUS
 . SIDESLIP
 . SPACECRAFT DOCKING
 . SPACECRAFT MANEUVERS
 . . ORBITAL MANEUVERS
 RT ACROBATICS
 AIRCRAFT SPIN
 FLIGHT CONTROL
 LANDING
 MANEUVERABILITY
 MINOR CIRCLE TURNING FLIGHT
 SELF MANEUVERING UNITS
 TAKEOFF
 TURNING FLIGHT

MANNED LUNAR SURFACE VEHICLES

- GS SURFACE VEHICLES
 . LUNAR SURFACE VEHICLES
 . LUNAR ROVING VEHICLES
 . . MANNED LUNAR SURFACE VEHICLES

MANNED LUNAR SURFACE VEHICLES-(CONT.)

- RT CRAWLER TRACTORS
 LUNAR LOGISTICS
 LUNAR MOBILE LABORATORIES
 ∞ SURFACES
 ∞ VEHICLES
 WALKING MACHINES

MANNED MARS MISSIONS

- GS SPACE MISSIONS
 . MANNED MARS MISSIONS
 RT INTERPLANETARY FLIGHT
 INTERPLANETARY SPACECRAFT
 LONG DURATION SPACE FLIGHT
 MANNED SPACECRAFT
 MARS (PLANET)
 NASA SPACE PROGRAMS
 RETURN TO EARTH SPACE FLIGHT
 SPACE EXPLORATION

MANNED ORBITAL SPACE STATIONS

- USE SPACE STATIONS

MANNED ORBITAL TELESCOPES

- UF MOT (ORBITAL TELESCOPES)
 GS TELESCOPES
 . MANNED ORBITAL TELESCOPES
 . . APOLLO TELESCOPE MOUNT
 RT OAO

MANTE (EARTH STRUCTURE)

- USE EARTH MANTLE

MANY BODY PROBLEM

- UF MANY PARTICLE THEORY
 RT BCS THEORY
 CELESTIAL MECHANICS
 ELEMENTARY EXCITATIONS
 FIELD THEORY (PHYSICS)
 FOUR BODY PROBLEM
 GREEN'S FUNCTIONS
 HARTREE APPROXIMATION
 ORBITAL MECHANICS
 ORBITS
 PARTICLE THEORY
 PERTURBATION
 PERTURBATION THEORY
 ∞ PROBLEMS
 QUANTUM STATISTICS
 STATISTICAL MECHANICS
 SUPERFLUIDITY
 THREE BODY PROBLEM
 TROJAN ORBITS
 TWO BODY PROBLEM

MANY PARTICLE THEORY

- USE MANY BODY PROBLEM

MAPPING

- SN (EXCLUDES CONFORMAL MAPPING)
 UF CARTOGRAPHY
 FLUX MAPPING
 GS MAPPING
 . CADASTRAL MAPPING
 . COMPUTER AIDED MAPPING
 . ICE MAPPING
 . PHOTOMAPPING
 . PLANETARY MAPPING
 . SOIL MAPPING
 . THEMATIC MAPPING
 . THERMAL MAPPING
 RT ASTROGRAPHY
 BONNE PROJECTION
 CONTOURS
 DECLINATION
 FIXED POINTS (MATHEMATICS)
 FUNCTIONS (MATHEMATICS)
 GEOGRAPHIC APPLICATIONS PROGRAM
 GEOGRAPHY
 HEAT CAPACITY MAPPING MISSION
 HYPISOGRAPHY
 MAPS
 MAPSAT
 ORTHOPHOTOGRAPHY
 PHOENIX QUADRANGLE (AZ)
 PHOTOGRAMMETRY
 PHOTOGRAPHY
 SCALE (RATIO)
 SPOT (FRENCH SATELLITE)
 SURVEYS
 TERRAIN ANALYSIS
 TOPOGRAPHY
 TOPOLOGY
 TRIANGULATION

MAPS

- GS MAPS
 . ASTRONOMICAL MAPS
 . . PLANISPHERES
 . LUNAR MAPS
 . METEOROLOGICAL CHARTS
 . PHOTOMAPS
 . RADAR CLUTTER MAPS
 . RADAR MAPS
 . RELIEF MAPS
 RT BONNE PROJECTION
 CADASTRAL MAPPING
 CHARTS
 COMPUTER AIDED MAPPING
 COORDINATES
 DATUM (ELEVATION)
 GEOGRAPHY
 ∞ GLOBES
 HYPISOGRAPHY
 MAPPING
 MERCATOR PROJECTION
 NAVIGATION AIDS
 PHOTOMAPPING
 SOIL MAPPING
 SURVEYS
 THEMATIC MAPPING

MARIA

- GS MARIA
 . LUNAR MARIA
 RT LAVA
 METEORITE CRATERS
 TOPOGRAPHY

MARINER C SPACECRAFT

- GS INTERPLANETARY SPACECRAFT
 . MARINER SPACECRAFT
 . . MARINER C SPACECRAFT
 UNMANNED SPACECRAFT
 . SPACE PROBES
 . . MARINER SPACECRAFT
 . . . MARINER C SPACECRAFT

MARINER JUPITER-SATURN FLYBY

- GS SPACE MISSIONS
 . FLYBY MISSIONS
 . . GRAND TOURS
 . . . MARINER JUPITER-SATURN FLYBY
 RT INTERPLANETARY FLIGHT
 ∞ MISSIONS
 SPACE FLIGHT

MARINER JUPITER-URANUS FLYBY

- GS SPACE MISSIONS
 . FLYBY MISSIONS
 . . GRAND TOURS
 . . . MARINER JUPITER-URANUS FLYBY
 RT INTERPLANETARY FLIGHT
 ∞ MISSIONS
 SPACE FLIGHT

MARINER MARK 2 SPACECRAFT

- RT FLYBY MISSIONS
 INTERPLANETARY FLIGHT
 ∞ SPACECRAFT

MARINER PROGRAM

- GS PROGRAMS
 . NASA PROGRAMS
 . . NASA SPACE PROGRAMS
 . . . MARINER PROGRAM
 MARINER VENUS-MERCURY 1973
 MARINER-MERCURY 1973
 . . . SPACE PROGRAMS
 . . . NASA SPACE PROGRAMS
 MARINER PROGRAM
 MARINER VENUS-MERCURY 1973
 MARINER-MERCURY 1973
 RT AGENA B ROCKET VEHICLE
 AGENA ROCKET VEHICLES
 ATLAS AGENA LAUNCH VEHICLES
 ATLAS LAUNCH VEHICLES
 CENTAUR PROJECT
 FLYBY MISSIONS
 MARS PROBES
 SPACE PROBES
 UNMANNED SPACECRAFT
 VENUS PROBES

MARINER R 2 SPACE PROBE

- GS INTERPLANETARY SPACECRAFT
 . MARINER SPACE PROBES
 . . MARINER R 2 SPACE PROBE
 UNMANNED SPACECRAFT
 . SPACE PROBES

MARS ATMOSPHERE

MARINER R 2 SPACE PROBE-(CONT.)

.. MARINER SPACE PROBES
.. MARINER R 2 SPACE PROBE

MARINER SPACE PROBES

GS INTERPLANETARY SPACECRAFT
.. MARINER SPACE PROBES
.. MARINER R 2 SPACE PROBE
.. MARINER 1 SPACE PROBE
.. MARINER 2 SPACE PROBE
.. MARINER 3 SPACE PROBE
.. MARINER 4 SPACE PROBE
.. MARINER 5 SPACE PROBE
.. MARINER 6 SPACE PROBE
.. MARINER 7 SPACE PROBE
.. MARINER 8 SPACE PROBE
.. MARINER 9 SPACE PROBE
.. MARINER 10 SPACE PROBE
.. MARINER 11 SPACE PROBE
UNMANNED SPACECRAFT
.. SPACE PROBES
.. MARINER SPACE PROBES
.. MARINER R 2 SPACE PROBE
.. MARINER 1 SPACE PROBE
.. MARINER 2 SPACE PROBE
.. MARINER 3 SPACE PROBE
.. MARINER 4 SPACE PROBE
.. MARINER 5 SPACE PROBE
.. MARINER 6 SPACE PROBE
.. MARINER 7 SPACE PROBE
.. MARINER 8 SPACE PROBE
.. MARINER 9 SPACE PROBE
.. MARINER 10 SPACE PROBE
.. MARINER 11 SPACE PROBE

MARINER SPACECRAFT

GS INTERPLANETARY SPACECRAFT
.. MARINER SPACECRAFT
.. MARINER C SPACECRAFT
.. MARINER VENUS 67 SPACECRAFT
UNMANNED SPACECRAFT
.. SPACE PROBES
.. MARINER SPACECRAFT
.. MARINER C SPACECRAFT
.. MARINER VENUS 67 SPACECRAFT

MARINER VENUS 67 SPACECRAFT

GS INTERPLANETARY SPACECRAFT
.. MARINER SPACECRAFT
.. MARINER VENUS 67 SPACECRAFT
UNMANNED SPACECRAFT
.. SPACE PROBES
.. MARINER SPACECRAFT
.. MARINER VENUS 67 SPACECRAFT
RT VENUS PROBES

MARINER VENUS-MERCURY 1973

GS PROGRAMS
.. NASA PROGRAMS
.. NASA SPACE PROGRAMS
.. MARINER PROGRAM
.. MARINER VENUS-MERCURY 1973
.. SPACE PROGRAMS
.. NASA SPACE PROGRAMS
.. MARINER PROGRAM
.. MARINER VENUS-MERCURY 1973
.. SPACE MISSIONS
.. FLYBY MISSIONS
.. MARINER VENUS-MERCURY 1973
RT MARINER 10 SPACE PROBE
MARINER-MERCURY 1973

MARINER 1 SPACE PROBE

GS INTERPLANETARY SPACECRAFT
.. MARINER SPACE PROBES
.. MARINER 1 SPACE PROBE
.. VENUS PROBES
.. MARINER 1 SPACE PROBE
UNMANNED SPACECRAFT
.. SPACE PROBES
.. MARINER SPACE PROBES
.. MARINER 1 SPACE PROBE
.. VENUS PROBES
.. MARINER 1 SPACE PROBE

MARINER 2 SPACE PROBE

GS INTERPLANETARY SPACECRAFT
.. MARINER SPACE PROBES
.. MARINER 2 SPACE PROBE
.. VENUS PROBES
.. MARINER 2 SPACE PROBE
UNMANNED SPACECRAFT
.. SPACE PROBES
.. MARINER SPACE PROBES
.. MARINER 2 SPACE PROBE

MARINER 2 SPACE PROBE-(CONT.)

.. VENUS PROBES
.. MARINER 2 SPACE PROBE
RT ATLAS AGENA B LAUNCH VEHICLE

MARINER 3 SPACE PROBE

GS INTERPLANETARY SPACECRAFT
.. MARINER SPACE PROBES
.. MARINER 3 SPACE PROBE
.. MARS PROBES
.. MARINER 3 SPACE PROBE
UNMANNED SPACECRAFT
.. SPACE PROBES
.. MARINER SPACE PROBES
.. MARINER 3 SPACE PROBE
.. MARS PROBES
.. MARINER 3 SPACE PROBE

MARINER 4 SPACE PROBE

GS INTERPLANETARY SPACECRAFT
.. MARINER SPACE PROBES
.. MARINER 4 SPACE PROBE
.. MARS PROBES
.. MARINER 4 SPACE PROBE
UNMANNED SPACECRAFT
.. SPACE PROBES
.. MARINER SPACE PROBES
.. MARINER 4 SPACE PROBE
.. MARS PROBES
.. MARINER 4 SPACE PROBE

MARINER 5 SPACE PROBE

GS INTERPLANETARY SPACECRAFT
.. MARINER SPACE PROBES
.. MARINER 5 SPACE PROBE
.. VENUS PROBES
.. MARINER 5 SPACE PROBE
UNMANNED SPACECRAFT
.. SPACE PROBES
.. MARINER SPACE PROBES
.. MARINER 5 SPACE PROBE
.. VENUS PROBES
.. MARINER 5 SPACE PROBE
RT ATLAS AGENA LAUNCH VEHICLES

MARINER 6 SPACE PROBE

GS INTERPLANETARY SPACECRAFT
.. MARINER SPACE PROBES
.. MARINER 6 SPACE PROBE
.. MARS PROBES
.. MARINER 6 SPACE PROBE
UNMANNED SPACECRAFT
.. SPACE PROBES
.. MARINER SPACE PROBES
.. MARINER 6 SPACE PROBE
.. MARS PROBES
.. MARINER 6 SPACE PROBE
RT ATLAS AGENA LAUNCH VEHICLES
MARS 69 PROJECT

MARINER 7 SPACE PROBE

GS INTERPLANETARY SPACECRAFT
.. MARINER SPACE PROBES
.. MARINER 7 SPACE PROBE
.. MARS PROBES
.. MARINER 7 SPACE PROBE
UNMANNED SPACECRAFT
.. SPACE PROBES
.. MARINER SPACE PROBES
.. MARINER 7 SPACE PROBE
.. MARS PROBES
.. MARINER 7 SPACE PROBE
RT MARS 69 PROJECT

MARINER 8 SPACE PROBE

GS INTERPLANETARY SPACECRAFT
.. MARINER SPACE PROBES
.. MARINER 8 SPACE PROBE
.. MARS PROBES
.. MARINER 8 SPACE PROBE
UNMANNED SPACECRAFT
.. SPACE PROBES
.. MARINER SPACE PROBES
.. MARINER 8 SPACE PROBE
.. MARS PROBES
.. MARINER 8 SPACE PROBE
RT MARS 71 PROJECT

MARINER 9 SPACE PROBE

GS INTERPLANETARY SPACECRAFT
.. MARINER SPACE PROBES
.. MARINER 9 SPACE PROBE
.. MARS PROBES
.. MARINER 9 SPACE PROBE
UNMANNED SPACECRAFT

MARINER 9 SPACE PROBE-(CONT.)

.. SPACE PROBES
.. MARINER SPACE PROBES
.. MARINER 9 SPACE PROBE
.. MARS PROBES
.. MARINER 9 SPACE PROBE

MARINER 10 SPACE PROBE

GS INTERPLANETARY SPACECRAFT
.. MARINER SPACE PROBES
.. MARINER 10 SPACE PROBE
.. VENUS PROBES
.. MARINER 10 SPACE PROBE
UNMANNED SPACECRAFT
.. SPACE PROBES
.. MARINER SPACE PROBES
.. MARINER 10 SPACE PROBE
.. VENUS PROBES
.. MARINER 10 SPACE PROBE
RT MARINER VENUS-MERCURY 1973
MARINER-MERCURY 1973

MARINER 11 SPACE PROBE

GS INTERPLANETARY SPACECRAFT
.. MARINER SPACE PROBES
.. MARINER 11 SPACE PROBE
UNMANNED SPACECRAFT
.. SPACE PROBES
.. MARINER SPACE PROBES
.. MARINER 11 SPACE PROBE

MARINER-MERCURY 1973

GS PROGRAMS
.. NASA PROGRAMS
.. NASA SPACE PROGRAMS
.. MARINER PROGRAM
.. MARINER-MERCURY 1973
.. SPACE PROGRAMS
.. NASA SPACE PROGRAMS
.. MARINER PROGRAM
.. MARINER-MERCURY 1973
.. SPACE MISSIONS
.. FLYBY MISSIONS
.. MARINER-MERCURY 1973
RT MARINER VENUS-MERCURY 1973
MARINER 10 SPACE PROBE

MARKARIAN GALAXIES

GS CELESTIAL BODIES
.. GALAXIES
.. ACTIVE GALAXIES
.. MARKARIAN GALAXIES
RT SEYFERT GALAXIES

MARS

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
RT MARS (MANNED REUSABLE
SPACECRAFT)
MARS (PLANET)
NAVIGATION AIDS
TRACKING STATIONS

MARS (PLANET)

GS CELESTIAL BODIES
.. PLANETS
.. TERRESTRIAL PLANETS
.. MARS (PLANET)
RT AMOR ASTEROID
APOLLO ASTEROIDS
DEIMOS
DUST STORMS
MANNED MARS MISSIONS
MARS
MARS ATMOSPHERE
MARS ENVIRONMENT
MARS SURFACE
MARS VOLCANOES
PHOBOS
PLANETARY CRATERS
POLAR CAPS

MARS ATMOSPHERE

GS ENVIRONMENTS
.. EXTRATERRESTRIAL ENVIRONMENTS
.. PLANETARY ENVIRONMENTS
.. MARS ENVIRONMENT
.. MARS ATMOSPHERE
.. PLANETARY ATMOSPHERES
.. MARS ATMOSPHERE
RT AEROSPACE ENVIRONMENTS
MARS (PLANET)
MARS VOLCANOES
PLANETARY IONOSPHERES

MARS CRATERS

MARS ATMOSPHERE-(CONT.)

PLANETARY METEOROLOGY

MARS CRATERS

GS CRATERS
 . PLANETARY CRATERS
 . MARS CRATERS
 RT CRATERING
 EJECTA
 IMPACT DAMAGE
 METEORITE CRATERS
 METEORITIC DAMAGE

MARS ENVIRONMENT

GS ENVIRONMENTS
 . EXTRATERRESTRIAL ENVIRONMENTS
 . PLANETARY ENVIRONMENTS
 . MARS ENVIRONMENT
 . MARS ATMOSPHERE
 RT DUST STORMS
 MARS (PLANET)
 MARS VOLCANOES

MARS EXCURSION MODULE

UF MEM (EXCURSION MODULE)
 GS MODULES
 . SPACECRAFT MODULES
 . LANDING MODULES
 . MARS EXCURSION MODULE
 SOFT LANDING SPACECRAFT
 . LANDING MODULES
 . MARS EXCURSION MODULE
 SPACECRAFT COMPONENTS
 . SPACECRAFT MODULES
 . LANDING MODULES
 . MARS EXCURSION MODULE

MARS GEOSCIENCE CLIMATOLOGY ORBITER

USE MARS OBSERVER

MARS LANDING

GS LANDING
 . SPACECRAFT LANDING
 . MARS LANDING
 RT AEPS
 PLANETARY LANDING
 SOFT LANDING
 VIKING 75 ENTRY VEHICLE

MARS OBSERVER

UF MARS GEOSCIENCE CLIMATOLOGY
 ORBITER
 MGCO
 GS INTERPLANETARY SPACECRAFT
 . MARS PROBES
 . MARS OBSERVER
 UNMANNED SPACECRAFT
 . SPACE PROBES
 . MARS PROBES
 . MARS OBSERVER

MARS PROBES

GS INTERPLANETARY SPACECRAFT
 . MARS PROBES
 . ADVANCED RECONN ELECTRIC
 SPACECRAFT
 . MARINER 3 SPACE PROBE
 . MARINER 4 SPACE PROBE
 . MARINER 6 SPACE PROBE
 . MARINER 7 SPACE PROBE
 . MARINER 8 SPACE PROBE
 . MARINER 9 SPACE PROBE
 . MARS OBSERVER
 . MARS 1 SPACECRAFT
 . MARS 2 SPACECRAFT
 . MARS 3 SPACECRAFT
 . MARS 4 SPACECRAFT
 . MARS 5 SPACECRAFT
 . MARS 6 SPACECRAFT
 . MARS 7 SPACECRAFT
 . VIKING SPACECRAFT
 . VIKING LANDER SPACECRAFT
 . VIKING LANDER 1
 . VIKING LANDER 2
 . VIKING ORBITER SPACECRAFT
 . VIKING ORBITER 1
 . VIKING ORBITER 2
 . VIKING ORBITER 1975
 . VIKING 1 SPACECRAFT
 . VIKING LANDER 1
 . VIKING ORBITER 1
 . VIKING 2 SPACECRAFT
 . VIKING LANDER 2
 . VIKING ORBITER 2
 . VIKING 75 ENTRY VEHICLE

MARS PROBES-(CONT.)

. ZOND 2 SPACE PROBE
 UNMANNED SPACECRAFT
 . SPACE PROBES
 . MARS PROBES
 . ADVANCED RECONN ELECTRIC
 SPACECRAFT
 . MARINER 3 SPACE PROBE
 . MARINER 4 SPACE PROBE
 . MARINER 6 SPACE PROBE
 . MARINER 7 SPACE PROBE
 . MARINER 8 SPACE PROBE
 . MARINER 9 SPACE PROBE
 . MARS OBSERVER
 . MARS 1 SPACECRAFT
 . MARS 2 SPACECRAFT
 . MARS 3 SPACECRAFT
 . MARS 4 SPACECRAFT
 . MARS 5 SPACECRAFT
 . MARS 6 SPACECRAFT
 . MARS 7 SPACECRAFT
 . VIKING SPACECRAFT
 . VIKING LANDER SPACECRAFT
 . VIKING LANDER 1
 . VIKING LANDER 2
 . VIKING ORBITER SPACECRAFT
 . VIKING ORBITER 1
 . VIKING ORBITER 2
 . VIKING ORBITER 1975
 . VIKING 1 SPACECRAFT
 . VIKING LANDER 1
 . VIKING ORBITER 1
 . VIKING 2 SPACECRAFT
 . VIKING LANDER 2
 . VIKING ORBITER 2
 . ZOND 2 SPACE PROBE
 RT MARINER PROGRAM
 OUTER PLANETS EXPLORERS
 VENUS PROBES
 VOYAGER PROJECT
 ZOND SPACE PROBES

MARS SATELLITES

GS CELESTIAL BODIES
 . NATURAL SATELLITES
 . MARS SATELLITES
 . DEIMOS
 . PHOBOS

MARS SURFACE

GS PLANETARY SURFACES
 . MARS SURFACE
 RT CANALS
 DUST STORMS
 MARS (PLANET)
 MARS VOLCANOES
 METEORITE CRATERS
 PLANETARY CRATERS
 . SURFACES
 TOPOGRAPHY

MARS SURFACE SAMPLES

GS SAMPLES
 . MARS SURFACE SAMPLES
 RT ASSAYING
 CHEMICAL ANALYSIS
 SPECIMENS
 . SURFACES
 VIKING LANDER 1
 VIKING LANDER 2

MARS VOLCANOES

GS GEOLOGY
 . VOLCANOES
 . MARS VOLCANOES
 LANDFORMS
 . VOLCANOES
 . MARS VOLCANOES
 PLANETARY GEOLOGY
 . MARS VOLCANOES
 RT BASALT
 CALDERAS
 CONES (VOLCANOES)
 EFFUSIVES
 LAVA
 MARS (PLANET)
 MARS ATMOSPHERE
 MARS ENVIRONMENT
 MARS SURFACE
 MOUNTAINS
 OROGRAPHY
 PALEOMAGNETISM
 PETROLOGY
 ROUSE BELTS
 VOLCANOLOGY

MARS 1 SPACECRAFT

GS INTERPLANETARY SPACECRAFT
 . MARS PROBES
 . MARS 1 SPACECRAFT
 SOVIET SPACECRAFT
 . MARS 1 SPACECRAFT
 UNMANNED SPACECRAFT
 . SPACE PROBES
 . MARS PROBES
 . MARS 1 SPACECRAFT
 RT U.S.S.R. SPACE PROGRAM

MARS 2 SPACECRAFT

GS INTERPLANETARY SPACECRAFT
 . MARS PROBES
 . MARS 2 SPACECRAFT
 SOVIET SPACECRAFT
 . MARS 2 SPACECRAFT
 UNMANNED SPACECRAFT
 . SPACE PROBES
 . MARS PROBES
 . MARS 2 SPACECRAFT
 RT U.S.S.R. SPACE PROGRAM

MARS 3 SPACECRAFT

GS INTERPLANETARY SPACECRAFT
 . MARS PROBES
 . MARS 3 SPACECRAFT
 SOVIET SPACECRAFT
 . MARS 3 SPACECRAFT
 UNMANNED SPACECRAFT
 . SPACE PROBES
 . MARS PROBES
 . MARS 3 SPACECRAFT
 RT U.S.S.R. SPACE PROGRAM

MARS 4 SPACECRAFT

GS INTERPLANETARY SPACECRAFT
 . MARS PROBES
 . MARS 4 SPACECRAFT
 SOVIET SPACECRAFT
 . MARS 4 SPACECRAFT
 UNMANNED SPACECRAFT
 . SPACE PROBES
 . MARS PROBES
 . MARS 4 SPACECRAFT
 RT U.S.S.R. SPACE PROGRAM

MARS 5 SPACECRAFT

GS INTERPLANETARY SPACECRAFT
 . MARS PROBES
 . MARS 5 SPACECRAFT
 SOVIET SPACECRAFT
 . MARS 5 SPACECRAFT
 UNMANNED SPACECRAFT
 . SPACE PROBES
 . MARS PROBES
 . MARS 5 SPACECRAFT
 RT U.S.S.R. SPACE PROGRAM

MARS 6 SPACECRAFT

GS INTERPLANETARY SPACECRAFT
 . MARS PROBES
 . MARS 6 SPACECRAFT
 SOVIET SPACECRAFT
 . MARS 6 SPACECRAFT
 UNMANNED SPACECRAFT
 . SPACE PROBES
 . MARS PROBES
 . MARS 6 SPACECRAFT
 RT U.S.S.R. SPACE PROGRAM

MARS 7 SPACECRAFT

GS INTERPLANETARY SPACECRAFT
 . MARS PROBES
 . MARS 7 SPACECRAFT
 SOVIET SPACECRAFT
 . MARS 7 SPACECRAFT
 UNMANNED SPACECRAFT
 . SPACE PROBES
 . MARS PROBES
 . MARS 7 SPACECRAFT
 RT U.S.S.R. SPACE PROGRAM

MARS 69 PROJECT

GS PROGRAMS
 . NASA PROGRAMS
 . NASA SPACE PROGRAMS
 . MARS 69 PROJECT
 PROJECTS
 . MARS 69 PROJECT
 SPACE PROGRAMS
 . NASA SPACE PROGRAMS
 . MARS 69 PROJECT
 RT MARINER 6 SPACE PROBE

METEORITE COLLISIONS

MARS 69 PROJECT-(CONT.)
MARINER 7 SPACE PROBE
SPACE EXPLORATION

MARS 71 PROJECT
GS PROGRAMS
.. NASA PROGRAMS
.. NASA SPACE PROGRAMS
.. MARS 71 PROJECT
.. PROJECTS
.. MARS 71 PROJECT
.. SPACE PROGRAMS
.. NASA SPACE PROGRAMS
.. MARS 71 PROJECT
RT MARINER 8 SPACE PROBE
SPACE EXPLORATION

MASS DISTRIBUTION
GS DISTRIBUTION (PROPERTY)
.. MASS DISTRIBUTION
RT AERODYNAMIC BALANCE
AERODYNAMIC STABILITY
ANGULAR DISTRIBUTION
BALANCE
BALLAST (MASS)
CHARGE DISTRIBUTION
COSMOLOGY
COUNTERBALANCES
DENSITY WAVE MODEL
.. DISTRIBUTION
.. FLUX DENSITY
.. FORCE DISTRIBUTION
.. GALACTIC MASS
.. INTERGALACTIC MEDIA
.. INTERPLANETARY MEDIUM
.. INTERSTELLAR MATTER
.. LOADING MOMENTS
.. LOADS (FORCES)
.. MASS BALANCE
.. MASS TO LIGHT RATIOS
.. METEOROID CONCENTRATION
.. MISSING MASS (ASTROPHYSICS)
.. MOMENT DISTRIBUTION
.. MOMENTS OF INERTIA
.. PRESSURE DISTRIBUTION
.. SIZE DISTRIBUTION
.. STAR DISTRIBUTION
.. STATIC LOADS
.. STRUCTURAL DESIGN CRITERIA
.. VARIABLE MASS SYSTEMS

MASS RATIOS
GS RATIOS
.. MASS RATIOS
.. MASS TO LIGHT RATIOS
.. PAYLOAD MASS RATIO
.. PROPELLANT MASS RATIO
RT METALLICITY
PRESSURE RATIO
STRUCTURAL WEIGHT
THRUST-WEIGHT RATIO

MASS SPECTRA
GS SPECTRA
.. MASS SPECTRA
RT ENERGY SPECTRA
MOLECULAR SPECTRA
RADIATION SPECTRA

MASS TO LIGHT RATIOS
GS RATIOS
.. MASS RATIOS
.. MASS TO LIGHT RATIOS
RT ASTRONOMY
ASTROPHYSICS
GALACTIC RADIATION
INDEXES (RATIOS)
LUMINOSITY
LUMINOUS INTENSITY
MASS
MASS DISTRIBUTION
MISSING MASS (ASTROPHYSICS)
RADIANT FLUX DENSITY
STELLAR LUMINOSITY
STELLAR MASS

MEDIA
SN (EXCLUDES COMMUNICATION
TECHNIQUES)
GS MEDIA
.. ANISOTROPIC MEDIA
.. ANISOTROPIC FLUIDS
.. ELASTIC MEDIA
.. INTERGALACTIC MEDIA
.. INTERPLANETARY MEDIUM

MEDIA-(CONT.)
.. INTERPLANETARY DUST
.. METEOROID DUST CLOUDS
.. ZODIACAL DUST
.. INTERPLANETARY GAS
RT .. CHANNELS

MEM (EXCURSION MODULE)
USE MARS EXCURSION MODULE

MERCURY (PLANET)
GS CELESTIAL BODIES
.. PLANETS
.. TERRESTRIAL PLANETS
.. MERCURY (PLANET)
RT MERCURY ATMOSPHERE
MERCURY SURFACE
PLANETARY CRATERS

MERCURY ATMOSPHERE
GS ENVIRONMENTS
.. EXTRATERRESTRIAL ENVIRONMENTS
.. PLANETARY ENVIRONMENTS
.. PLANETARY ATMOSPHERES
.. MERCURY ATMOSPHERE
RT MERCURY (PLANET)
MERCURY SURFACE
PLANETARY METEOROLOGY

MERCURY MR-1 FLIGHT
GS SPACE FLIGHT
.. MANNED SPACE FLIGHT
.. MERCURY FLIGHTS
.. MERCURY MR-1 FLIGHT

MERCURY SURFACE
GS PLANETARY SURFACES
.. MERCURY SURFACE
RT EXTRATERRESTRIAL ENVIRONMENTS
MERCURY (PLANET)
MERCURY ATMOSPHERE
PLANETARY CRATERS
SATELLITE SURFACES
SOLAR SYSTEM
TERRESTRIAL PLANETS

MESON RESONANCE
GS PARTICLES
.. ELEMENTARY PARTICLES
.. BOSONS
.. MESONS
.. MESON RESONANCE
.. X MESONS
.. FERMIONS
.. MESON RESONANCE
.. NUCLEAR PARTICLES
.. BOSONS
.. MESONS
.. MESON RESONANCE
.. X MESONS
.. RESONANCE
.. MESON RESONANCE
.. X MESONS
RT BARYONS
HYPERONS

MESONS
GS PARTICLES
.. ELEMENTARY PARTICLES
.. BOSONS
.. MESONS
.. ETA-MESONS
.. KAONS
.. MESON RESONANCE
.. X MESONS
.. MUONS
.. PIONS
.. VECTOR MESONS
.. RHO-MESONS
.. SIGMA-MESONS
.. HADRONS
.. MESONS
.. KAONS
.. MUONS
.. OMEGA-MESONS
.. VECTOR MESONS
.. RHO-MESONS
.. SIGMA-MESONS
.. NUCLEAR PARTICLES
.. BOSONS
.. MESONS
.. ETA-MESONS
.. KAONS
.. MESON RESONANCE
.. X MESONS

MESONS-(CONT.)
.. MUONS
.. PIONS
.. VECTOR MESONS
.. RHO-MESONS
.. SIGMA-MESONS
RT BARYONS
BOSON FIELDS
CHARGED PARTICLES
CORPUSCULAR RADIATION
COSMIC RAYS
GLUONS
LEPTONS
MESON-NUCLEON INTERACTIONS
MUONIUM
POMERANCHUK THEOREM
STRANGENESS

MESOPAUSE
SN (ALTITUDE APPROXIMATELY 90 KM)
GS EARTH ATMOSPHERE
.. MIDDLE ATMOSPHERE
.. MESOSPHERE
.. MESOPAUSE
RT STRATOPAUSE

MESOSPHERE
SN (ALTITUDE RANGE BETWEEN
APPROXIMATELY 45 AND 90 KM)
GS EARTH ATMOSPHERE
.. MIDDLE ATMOSPHERE
.. MESOSPHERE
.. MESOPAUSE
RT CHEMOSPHERE
EARTH IONOSPHERE
HOMOSPHERE
SOLAR MESOSPHERE EXPLORER
STRATOPAUSE

METAGALAXY
USE UNIVERSE

METALLIC STARS
GS CELESTIAL BODIES
.. STARS
.. METALLIC STARS
RT ABUNDANCE
CHEMICAL COMPOSITION
METALLICITY
STELLAR ATMOSPHERES
STELLAR STRUCTURE

METALLICITY
RT ABUNDANCE
CHEMICAL ANALYSIS
CHEMICAL COMPOSITION
GALACTIC CLUSTERS
GALAXIES
GLOBULAR CLUSTERS
HYDROGEN
INTERSTELLAR MATTER
MASS RATIOS
METALLIC STARS
METALS
SPECTROSCOPIC ANALYSIS
STAR CLUSTERS
STARS

METEOR BURSTS
USE METEOROID SHOWERS

METEOR CRATERS
USE CRATERS

METEOR HAZARDS
USE METEOROID HAZARDS

METEOR TRAILS
UF METEORITIC IONIZATION
RT BOLIDES
EARTH ATMOSPHERE
METEOROID SHOWERS
METEORIDS
MICROMETEORIDS
.. PATHS
.. PRIBRAM METEORITE
.. RADIO METEORS
.. SCATTER PROPAGATION
.. SPORADIC METEORIDS
.. TRACKS
.. UPPER ATMOSPHERE

METEORITE COLLISIONS
GS COLLISIONS

METEORITE COMPRESSION TESTS

METEORITE COLLISIONS-(CONT.)

RT . METEORITE COLLISIONS
HYPERVELOCITY IMPACT
METEORITIC DAMAGE
METEOROID HAZARDS
SHATTER CONES

METEORITE COMPRESSION TESTS

USE COMPRESSION TESTS
MECHANICAL PROPERTIES
METEORITES

METEORITE CRATERS

UF FOSSIL METEORITE CRATERS
METEOROID CRATERS
GS CRATERS
RT . METEORITE CRATERS
CANADIAN SHIELD
CRATERING
EJECTA
LUNAR CRATERS
LUNAR RAYS
MARIA
MARS CRATERS
MARS SURFACE
METEORITES
METEORITIC DAMAGE
PLANETARY CRATERS
PROJECTILE CRATERING
PTOLEMAEUS CRATER
SHATTER CONES
TUNGUSK METEORITE
TYCHO CRATER

METEORITES

SN (LIMITED TO METEOROIDS WHICH HAVE
REACHED THE SURFACE OF AN
ASTEROID, NATURAL SATELLITE OR
PLANET)
UF . METEORITE COMPRESSION TESTS
GS CELESTIAL BODIES
. METEORITES
... HARLETON METEORITE
... IRON METEORITES
... AROOS METEORITE
... ODESSA METEORITE
... SIKHOTE-LIN METEORITE
... LAZAREV METEORITE
... MICROMETEORITES
... OKHANSK METEORITE
... STONY METEORITES
... ACHONDRITES
... BONDOC METEORITE
... KAPOETA ACHONDRITE
... NORTON COUNTY ACHONDRITE
... CHONDRITES
... BRUDERHEIM METEORITE
... CARBONACEOUS CHONDRITES
... ALLENDE METEORITE
... MURCHISON METEORITE
... CARBONACEOUS METEORITES
... ALAIS METEORITE
... COLD BOKKEVELD METEORITE
... IVUNA METEORITE
... MURRAY METEORITE
... ORGUEIL METEORITE
... TONK METEORITE
... HVITTIS CHONDRITE
... PANTAR CHONDRITES
... PRIBRAM METEORITE
... TEKTITES
... AUSTRALITES
... BEDIASITES
... TUNGUSK METEORITE
RT BOLIDES
CHONDRULE
COESITE
FOREIGN BODIES
IMPACT MELTS
METEORITE CRATERS
METEORITIC COMPOSITION
METEORITIC MICROSTRUCTURES
METEOROID SHOWERS
METEOROIDS
MICROMETEOROIDS
MOLDAVITE

METEORITIC COMPOSITION

GS COMPOSITION (PROPERTY)
. METEORITIC COMPOSITION
RT CARBONACEOUS METEORITES
COSMOCHEMISTRY
IRON METEORITES
KAMACITE
METEORITES

METEORITIC COMPOSITION-(CONT.)

SCHREIBERSITE
STONY METEORITES
TEKTITES
TROIILITE

METEORITIC DAMAGE

GS DAMAGE
. IMPACT DAMAGE
. METEORITIC DAMAGE
RT . BOMBARDMENT
CRATERING
EJECTA
HYPERVELOCITY IMPACT
MARS CRATERS
METEORITE COLLISIONS
METEORITE CRATERS
METEOROID HAZARDS
METEOROID PROTECTION
PROJECTILE CRATERING

METEORITIC DIAMONDS

GS DIAMONDS
. METEORITIC DIAMONDS

METEORITIC DUST

USE MICROMETEOROIDS

METEORITIC IONIZATION

USE ATMOSPHERIC IONIZATION
METEOR TRAILS

METEORITIC MICROSTRUCTURES

GS MICROSTRUCTURE
. METEORITIC MICROSTRUCTURES
RT CHONDRULE
IRON METEORITES
METEORITES
STONY METEORITES
TEKTITES
WIDMANSTATTEN STRUCTURE

METEOROID CONCENTRATION

GS COMPOSITION (PROPERTY)
. CONCENTRATION (COMPOSITION)
. METEOROID CONCENTRATION
DENSITY (NUMBER/VOLUME)
. METEOROID CONCENTRATION
RT FLUX DENSITY
MASS DISTRIBUTION
SPATIAL DISTRIBUTION
SPORADIC METEOROIDS

METEOROID CRATERS

USE METEORITE CRATERS

METEOROID DUST CLOUDS

GS CELESTIAL BODIES
. METEOROIDS
. MICROMETEOROIDS
. METEOROID DUST CLOUDS
... ZODIACAL DUST
MEDIA
. INTERPLANETARY MEDIUM
. INTERPLANETARY DUST
. METEOROID DUST CLOUDS
... ZODIACAL DUST
PARTICLES
. DUST
. COSMIC DUST
. INTERPLANETARY DUST
. METEOROID DUST CLOUDS
... ZODIACAL DUST
RT . CLOUDS
EXPLORER SATELLITES
TERRESTRIAL DUST BELT

METEOROID HAZARDS

UF METEOR HAZARDS
GS HAZARDS
. FLIGHT HAZARDS
. METEOROID HAZARDS
RT METEORITE COLLISIONS
METEORITIC DAMAGE
METEOROIDS
OPERATIONAL HAZARDS
PROJECTILE CRATERING

METEOROID PROTECTION

GS PROTECTION
. METEOROID PROTECTION
RT BUMPERS
IMPACT DAMAGE
METEORITIC DAMAGE

METEOROID PROTECTION-(CONT.)

SPACECRAFT SHIELDING
SPACECRAFT STRUCTURES

METEOROID SHOWERS

UF METEOR BURSTS
GS CELESTIAL BODIES
. METEOROID SHOWERS
... AQUARID METEOROIDS
... ARIETID METEOROIDS
... CYRILLID METEOROIDS
... DRACONID METEOROIDS
... GEMINID METEOROIDS
... LEONID METEOROIDS
... ORIONID METEOROIDS
... PERSEID METEOROIDS
... QUADRANTID METEOROIDS
... TAURID METEOROIDS
RT ASTRONOMY
BOLIDES
COMETS
METEOR TRAILS
METEORITES
METEOROIDS
... SHOWERS

METEOROIDS

SN (LIMITED TO SOLID OBJECTS IN SPACE,
MUCH SMALLER THAN AN ASTEROID
AND MUCH LARGER THAN A
MOLECULE)
UF METEORS
GS CELESTIAL BODIES
. METEOROIDS
... AQUARID METEOROIDS
... ARIETID METEOROIDS
... BOLIDES
... CYRILLID METEOROIDS
... DRACONID METEOROIDS
... GEMINID METEOROIDS
... LEONID METEOROIDS
... MICROMETEOROIDS
... METEOROID DUST CLOUDS
... ZODIACAL DUST
... ORIONID METEOROIDS
... PERSEID METEOROIDS
... QUADRANTID METEOROIDS
... RADIO METEORS
... SPORADIC METEOROIDS
... TAURID METEOROIDS
RT ASTEROID BELTS
ASTEROIDS
BUMPERS
CHIRON
COMETS
COSMIC DUST
HYPERVELOCITY PROJECTILES
INTERPLANETARY DUST
INTERPLANETARY MEDIUM
METEOR TRAILS
METEORITES
METEOROID HAZARDS
METEOROID SHOWERS
MICROMETEORITES
NATURAL SATELLITES
PARTICLE TRACKS
RADIATION METEOROID SPACECRAFT
SOLAR SYSTEM
SPACE DEBRIS
TEMPEL 2 COMET
TORO ASTEROID
VESTA ASTEROID

METEOROLOGICAL ROCKETS

USE SOUNDING ROCKETS

METEORS

USE METEOROIDS

MGCO

USE MARS OBSERVER

MICHELSON INTERFEROMETERS

GS MEASURING INSTRUMENTS
. INTERFEROMETERS
. MICHELSON INTERFEROMETERS
RT ASTROPHYSICS
RADIO ASTRONOMY
SPECTROMETERS

MICRODENSITOMETERS

GS MEASURING INSTRUMENTS
. DENSITOMETERS
. MICRODENSITOMETERS
. OPTICAL MEASURING INSTRUMENTS

MICRODENSITOMETERS-(CONT.)

- .. MICRODENSITOMETERS
- OPTICAL EQUIPMENT
- OPTICAL MEASURING INSTRUMENTS
- RT GRAVIMETERS
- OPTICAL DENSITY
- OPTICAL MEASUREMENT
- PHOTOMETERS

MICROMETEORITES

- GS CELESTIAL BODIES
- .. METEORITES
- .. MICROMETEORITES
- RT COSMIC DUST
- HYPERVELOCITY PROJECTILES
- METEORIODS
- MICROMETEORIODS
- TEKTITES
- ZODIACAL DUST

MICROMETEORIODS

- UF METEORITIC DUST
- MICROMETEORS
- GS CELESTIAL BODIES
- .. METEORIODS
- .. MICROMETEORIODS
- .. METEORIOD DUST CLOUDS
- .. ZODIACAL DUST
- RT COSMIC DUST
- EXPLORER SATELLITES
- INTERPLANETARY DUST
- METEOR TRAILS
- METEORITES
- MICROMETEORITES
- POYNTING-ROBERTSON EFFECT
- SPACE DEBRIS
- TERRESTRIAL DUST BELT
- ZODIACAL LIGHT

MICROMETEORS

- USE MICROMETEORIODS

MICROPHOTOMETERS

- USE PHOTOMETERS

MICROWAVE EMISSION

- GS ELECTROMAGNETIC RADIATION
- .. RADIO WAVES
- .. SHORT WAVE RADIATION
- .. MICROWAVES
- .. MICROWAVE EMISSION
- EMISSION
- .. MICROWAVE EMISSION
- RT COSMIC NOISE
- DIFFRACTION RADIATION
- EXTRATERRESTRIAL RADIATION
- EXTRATERRESTRIAL RADIO WAVES
- LINEAR POLARIZATION
- STELLAR RADIATION

MICROWAVE RADIATION

- USE MICROWAVES

MICROWAVE SPECTRA

- UF INTERSTELLAR MICROWAVE SPECTRA
- GS SPECTRA
- .. RADIATION SPECTRA
- .. ELECTROMAGNETIC SPECTRA
- .. RADIO SPECTRA
- .. MICROWAVE SPECTRA
- RT ABSORPTION SPECTRA
- INFRARED SPECTRA
- MOLECULAR ROTATION
- MOLECULAR SPECTRA
- MOLECULAR SPECTROSCOPY

MICROWAVES

- UF MICROWAVE RADIATION
- GS ELECTROMAGNETIC RADIATION
- .. RADIO WAVES
- .. SHORT WAVE RADIATION
- .. MICROWAVES
- .. CENTIMETER WAVES
- .. DECIMETER WAVES
- .. MICROWAVE EMISSION
- .. MILLIMETER WAVES
- RT COSMIC NOISE
- DIFFRACTION RADIATION
- ELECTROMAGNETIC NOISE
- EXTRATERRESTRIAL RADIO WAVES
- INFRARED RADIATION
- MICROWAVE FREQUENCIES
- MICROWAVE HOLOGRAPHY
- MICROWAVE SOUNDING

MICROWAVES-(CONT.)

- ∞ RADIATION
- SATELLITE SOLAR ENERGY
- CONVERSION
- SATELLITE SOLAR POWER STATIONS
- SCATTEROMETERS
- SUBMILLIMETER WAVES
- WHISTLERS

MIDDLE ATMOSPHERE

- GS EARTH ATMOSPHERE
- .. MIDDLE ATMOSPHERE
- .. MESOSPHERE
- .. MESOPAUSE
- .. STRATOSPHERE
- .. OZONOSPHERE
- .. STRATOPAUSE
- RT AIR
- AIR POLLUTION
- ∞ ATMOSPHERES
- ATMOSPHERIC CHEMISTRY
- ATMOSPHERIC CIRCULATION
- ATMOSPHERIC COMPOSITION
- CHEMOSPHERE
- CLIMATOLOGY
- EQUATORIAL ATMOSPHERE
- FREE ATMOSPHERE
- HETEROSPHERE
- HOMOSPHERE
- LOWER ATMOSPHERE
- MIDLATITUDE ATMOSPHERE
- TROPOPAUSE
- UPPER ATMOSPHERE
- ZONAL FLOW (METEOROLOGY)

MILKY WAY GALAXY

- GS CELESTIAL BODIES
- .. GALAXIES
- .. SPIRAL GALAXIES
- .. MILKY WAY GALAXY
- RT ORION NEBULA
- RADIO SOURCES (ASTRONOMY)
- SOLAR NEIGHBORHOOD
- STARS

MILLIMETER WAVES

- GS ELECTROMAGNETIC RADIATION
- .. RADIO WAVES
- .. SHORT WAVE RADIATION
- .. MICROWAVES
- .. MILLIMETER WAVES
- RT BEAM PLASMA AMPLIFIERS
- C BAND
- CN EMISSION
- CYCLOTRON RESONANCE DEVICES
- DECIMETER WAVES
- ELECTROMAGNETIC NOISE
- EXTRATERRESTRIAL RADIO WAVES
- EXTREMELY HIGH FREQUENCIES
- FREQUENCIES
- SOLAR RADIO EMISSION
- SUBMILLIMETER WAVES
- WAVELENGTHS

MIMAS

- GS CELESTIAL BODIES
- .. NATURAL SATELLITES
- .. ICY SATELLITES
- .. MIMAS
- .. SATURN SATELLITES
- .. MIMAS
- RT SATURN (PLANET)

MINERALOGY

- RT CHONDRULE
- CRYSTALLOGRAPHY
- GEOCHEMISTRY
- GEOLOGY
- MINERAL DEPOSITS
- MINERALS
- PETROLOGY
- ∞ PHYSICAL SCIENCES

MINERALS

- UF APATITES
- ORES
- GS MINERALS
- .. AKERMANITE
- .. AMPHIBOLES
- .. ANATASE
- .. ARAGONITE
- .. ASBESTOS
- .. BARITE
- .. BASTNASITE
- .. BERYL

MINERALS-(CONT.)

- .. BLOEDITE
- .. BRUCITE
- .. CALCITE
- .. CHROMITES
- .. COHENITE
- .. CORDIERITE
- .. CRYOLITE
- .. DAWSONITE
- .. DOLOMITE (MINERAL)
- .. EUXENITE
- .. FAYALITE
- .. FELDSPARS
- .. FLUORITE
- .. FLUORSPAR
- .. GARNETS
- .. YTTRIUM-ALUMINUM GARNET
- .. YTTRIUM-IRON GARNET
- .. GEHLENITE
- .. GRAPHITE
- .. PYROLYTIC GRAPHITE
- .. GYPSUM
- .. HEXAHEDRITE
- .. ILLITE
- .. ILMENITE
- .. IRON ORES
- .. HEMATITE
- .. KAMACITE
- .. KAOLINITE
- .. KREEP
- .. LIMONITE
- .. MAGNETITE
- .. MERWINITE
- .. MICA
- .. BIOTITE
- .. FLUOROPHLOGOPITE
- .. MUSCOVITE
- .. MONTICELLITE
- .. MONTMORILLONITE
- .. NEPHELINE
- .. NEPHELINE
- .. OLIVINE
- .. FORSTERITE
- .. PEROVSKITES
- .. PROUSTITE
- .. PYRITES
- .. PYROPHYLLITE
- .. PYROXENES
- .. ENSTATITE
- .. PYRRHOTITE
- .. TROILITE
- .. QUARTZ
- .. COESITE
- .. STISHOVITE
- .. SCHEELITE
- .. SCHREIBERSITE
- .. SERPENTINE
- .. SIDERITES
- .. SPINEL
- .. SPODUMENE
- .. TALC
- .. TOURMALINE
- .. VERMICULITE
- .. WURTZITE
- .. ZINCBLENDE
- RT ALUMINUM SILICATES
- .. ANDESITE
- .. BAUXITE
- .. BENEFICIATION
- .. BIOGEOCHEMISTRY
- .. BONE MINERAL CONTENT
- .. BOREHOLES
- .. CALCIUM SILICATES
- .. CRYSTALLITES
- .. DIORITE
- .. DUNITE
- .. EARTH RESOURCES
- .. FELSITE
- .. FLUOROSILICATES
- .. GEOLOGY
- .. IGNEOUS ROCKS
- .. IMPACT MELTS
- .. LAVA
- .. LIMESTONE
- .. LUNAR SOIL
- .. MINERAL DEPOSITS
- .. MINERAL EXPLORATION
- .. MINERALOGY
- .. MONAZITE SANDS
- .. MULLITES
- ∞ NUTRIENTS
- .. OBSIDIAN
- .. POTASSIUM SILICATES
- .. ROCKS
- .. RUTILE
- .. SHALES

MINOR CIRCLE TURNING FLIGHT

MINERALS-(CONT.)

SILICATES
SODIUM SILICATES
SOILS
UNDERGROUND ACOUSTICS
ZEOLITES

MINOR CIRCLE TURNING FLIGHT

GS TURNING FLIGHT
RT MINOR CIRCLE TURNING FLIGHT
AIRCRAFT CONTROL
MANEUVERS

MINOR PLANET 1221

USE AMOR ASTEROID

MINOR PLANET 2060

USE CHIRON

MIR SPACE STATION

GS ARTIFICIAL SATELLITES
SPACE STATIONS
MIR SPACE STATION
MANNED SPACECRAFT
MIR SPACE STATION
SOVIET SPACECRAFT
MIR SPACE STATION
STATIONS
SPACE STATIONS
MIR SPACE STATION
RT SPACE BASES
SPACE LABORATORIES
SPACECRAFT DOCKING
U.S.S.R. SPACE PROGRAM

MIRA CETI STAR

USE OMICRON CETI STAR

MIRA VARIABLES

UF LONG PERIOD VARIABLES
GS CELESTIAL BODIES
STARS
LATE STARS
COOL STARS
MIRA VARIABLES
OMICRON CETI STAR
VARIABLE STARS
MIRA VARIABLES
OMICRON CETI STAR
RT ASYMPTOTIC GIANT BRANCH STARS
CARBON STARS
M STARS
RED GIANT STARS
S STARS
STELLAR OSCILLATIONS
SUPERGIANT STARS

MIRANDA

GS CELESTIAL BODIES
NATURAL SATELLITES
URANUS SATELLITES
MIRANDA
RT URANUS (PLANET)

MIRRORS

GS MIRRORS
CELESTIAL BODIES
ETALONS
FRESNEL REFLECTORS
MAGNETIC MIRRORS
TANDEM MIRRORS
PARABOLOID MIRRORS
ROTATING MIRRORS
SOLETTAS
RT CASSEGRAIN OPTICS
CIRCUMSOLAR TELESCOPES
COLLIMATORS
HELIOSTATS
OPTICAL EQUIPMENT
OPTICAL RESONATORS
OPTICS
REFLECTING TELESCOPES
REFLECTORS
SOLAR COLLECTORS
SOLAR REFLECTORS
SPECULAR REFLECTION
TELESCOPES

MISSING MASS (ASTROPHYSICS).

GS COSMOLOGY
MISSING MASS (ASTROPHYSICS)
MASS
MISSING MASS (ASTROPHYSICS)
RT ASTRONOMY

MISSING MASS (ASTROPHYSICS)-(CONT.)

ASTROPHYSICS
DARK MATTER
DYNAMIC STABILITY
GALACTIC CLUSTERS
GALACTIC STRUCTURE
MASS DISTRIBUTION
MASS TO LIGHT RATIOS
VIRIAL THEOREM

MISSIONS

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED-CONSULT THE TERMS
LISTED BELOW)
RT ABORTED MISSIONS
ASTEROID MISSIONS
ASTRO MISSIONS (STS)
EARTH-VENUS TRAJECTORIES
EXPEDITIONS
FLYBY MISSIONS
GALILEO SPACECRAFT
GRAND TOURS
HEAT CAPACITY MAPPING MISSION
LANDSAT FOLLOW-ON MISSIONS
LONG DURATION SPACE FLIGHT
MARINER JUPITER-SATURN FLYBY
MARINER JUPITER-URANUS FLYBY
MISSION PLANNING
PLANNING
PROGRAMS
PROJECT PLANNING
PROJECTS
SOLAR MAXIMUM MISSION
SOLAR MAXIMUM MISSION-A
SPACE FLIGHT
SPACE MISSIONS
SPACE SHUTTLE MISSIONS
TARGETS
ULYSSES MISSION
VOYAGER 1977 MISSION

MODULES

GS MODULES
AIRLOCK MODULES
CHEMICAL RELEASE MODULES
ELECTRONIC MODULES
MICROMODULES
LOCAL SCIENTIFIC SURVEY MODULE
PAYLOAD ASSIST MODULE
POWER MODULES (STS)
SERVICE MODULES
SPACECRAFT DOCKING MODULES
SPACECRAFT MODULES
COMMAND MODULES
COMMAND SERVICE MODULES
LANDING MODULES
LUNAR LANDING MODULES
LUNAR MODULE
LSSM
MARS EXCURSION MODULE
SIM
RT CIRCUITS
COMPARTMENTS
COMPONENTS
INSTRUMENT PACKAGES
SPACE TUGS
SPARE PARTS

MOLABS

USE LUNAR MOBILE LABORATORIES

MOLDAVITE

GS ROCKS
IGNEOUS ROCKS
OBSIDIAN
MOLDAVITE
RT GLASS
METEORITES
SOILS

MOLECULAR CLOUDS

RT ASTRONOMICAL MODELS
CLOUDS
COSMIC DUST
HYDROGEN CLOUDS
INTERSTELLAR CHEMISTRY
INTERSTELLAR GAS
INTERSTELLAR MASERS
INTERSTELLAR MATTER
STAR FORMATION

MOLECULAR SPECTRA

GS SPECTRA
MOLECULAR SPECTRA
ELECTRONIC SPECTRA

MOLECULAR SPECTRA-(CONT.)

RAMAN SPECTRA
RT VIBRATIONAL SPECTRA
ABSORPTION SPECTRA
ELECTROMAGNETIC SPECTRA
EMISSION SPECTRA
ENERGY SPECTRA
INFRARED SPECTRA
MASS SPECTRA
MICROWAVE SPECTRA
OXYGEN SPECTRA
SOLAR SPECTRA
STELLAR SPECTRA
SWAN BANDS
ULTRAVIOLET SPECTRA
VEGARD-KAPLAN BANDS
VISIBLE SPECTRUM

MOLIERE FORMULA

USE COSMIC RAY SHOWERS
SECONDARY COSMIC RAYS

MONOCHROMATIC RADIATION

SN (LIMITED TO ELECTROMAGNETIC
RADIATION)
GS ELECTROMAGNETIC RADIATION
MONOCHROMATIC RADIATION
RT BEAMS (RADIATION)
BRILLOUIN EFFECT
COHERENT ELECTROMAGNETIC
RADIATION
COHERENT LIGHT
FILTERS
GAMMA RAYS
INFRARED RADIATION
IONIZING RADIATION
LIGHT (VISIBLE RADIATION)
LONG WAVE RADIATION
MONOCHROMATIZATION
MONOCHROMATORS
POLARIZED ELECTROMAGNETIC
RADIATION
POLARIZED LIGHT
RADIATION
RADIO WAVES
SHORT WAVE RADIATION
ULTRAVIOLET RADIATION
X RAYS

MONOCHROMATORS

GS MEASURING INSTRUMENTS
MONOCHROMATORS
RADIATION SOURCES
MONOCHROMATORS
RT COMPARATORS
DUOCHROMATORS
GONIOMETERS
LIGHT SOURCES
MONOCHROMATIC RADIATION
OPTICAL EQUIPMENT
OPTICAL MEASURING INSTRUMENTS
PHOTOGONIOMETERS
SPECTROPHOTOMETERS

MOON

GS CELESTIAL BODIES
NATURAL SATELLITES
MOON
RT EARTH-MOON SYSTEM
LIGHT SOURCES
LUNAR ATMOSPHERE
LUNAR BASES
LUNAR COMMUNICATION
LUNAR COMPOSITION
LUNAR CRATERS
LUNAR CRUST
LUNAR DUST
LUNAR ECLIPSES
LUNAR ENVIRONMENT
LUNAR EVOLUTION
LUNAR EXPLORATION
LUNAR FAR SIDE
LUNAR GEOLOGY
LUNAR GRAVITATION
LUNAR LANDING SITES
LUNAR LIMB
LUNAR LUMINESCENCE
LUNAR MAGNETIC FIELDS
LUNAR MAPS
LUNAR OCCULTATION
LUNAR ORBITS
LUNAR PHASES
LUNAR PHOTOGRAPHY
LUNAR RAYS

NATURAL SATELLITES

MOON-(CONT.)

LUNAR SHADOW
LUNAR SOIL
LUNAR TEMPERATURE
LUNAR TOPOGRAPHY
SELENOGRAPHY
SELENOLOGY

MOON-EARTH TRAJECTORIES

GS TRAJECTORIES
 SPACECRAFT TRAJECTORIES
 LUNAR TRAJECTORIES
 MOON-EARTH TRAJECTORIES
RT APOLLO 5 FLIGHT
 APOLLO 6 FLIGHT
 APOLLO 7 FLIGHT
 APOLLO 8 FLIGHT
 APOLLO 10 FLIGHT
 APOLLO 11 FLIGHT
 APOLLO 12 FLIGHT
 APOLLO 13 FLIGHT
 APOLLO 14 FLIGHT
 APOLLO 15 FLIGHT
 APOLLO 16 FLIGHT
 APOLLO 17 FLIGHT
 CIRCUMLUNAR TRAJECTORIES
 EARTH-MOON TRAJECTORIES
 GODDARD TRAJECTORY
 DETERMINATION SYSTEM
 LUNAR FLIGHT
 MASS DRIVERS (PAYLOAD DELIVERY)
 ORBITAL MECHANICS
 REENTRY TRAJECTORIES
 ROUND TRIP TRAJECTORIES
 TRANSFER ORBITS

MOONQUAKES

GS SEISMOLOGY
 MOONQUAKES
RT LUNAR GEOLOGY
 LUNAR TIDES
 PLANETARY QUAKE
 SELENOLOGY

MOREHOUSE COMET

GS CELESTIAL BODIES
 COMETS
 MOREHOUSE COMET

MORNING

RT DAYTIME
 SUNRISE

MOSS (SPACE STATIONS)

USE SPACE STATIONS

MOT (ORBITAL TELESCOPES)

USE MANNED ORBITAL TELESCOPES

MOTION

SN *(USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)*
UF MOVEMENT
RT ACCELERATION (PHYSICS)
 ATTITUDE (INCLINATION)
 BROWNIAN MOVEMENTS
 DISPLACEMENT
 DOMAIN WALL
 GLIDING
 GYRATION
 HARMONIC MOTION
 HEAD MOVEMENT
 HEAVING
 HIGH ACCELERATION
 IMMOBILIZATION
 INERTIA
 ION MOTION
 IONIC MOBILITY
 KINEMATICS
 LIBRATION
 MOMENTUM
 NUTATION
 ORBITS
 OSCILLATIONS
 OSCILLATORS
 PARTICLE MOTION
 PARTICLE TRAJECTORIES
 PITCH (INCLINATION)
 ROTATION
 SACCADEIC EYE MOVEMENTS
 SOLAR ORBITS
 SPACECRAFT MOTION
 SPACECRAFT TRAJECTORIES
 STELLAR MOTIONS

MOTION-(CONT.)

SWARMING
TEETERING
TRANSIT TIME
TRANSLATIONAL MOTION
TUMBLING MOTION
TURBULENCE
VELOCITY
VERTICAL MOTION
VERTICAL MOTION SIMULATORS
VIBRATION
VISCOSITY
YAW

MOTION EQUATIONS

USE EQUATIONS OF MOTION

MOVEMENT

USE MOTION

MRKOS COMET

GS CELESTIAL BODIES
 COMETS
 MRKOS COMET

MULTISPECTRAL TRACKING TELESCOPES

GS TELESCOPES
 SPECTROSCOPIC TELESCOPES
 MULTISPECTRAL TRACKING
 TELESCOPES
RT OPTICAL MEASURING INSTRUMENTS
 OPTICAL TRACKING
 TRACKING (POSITION)

MURCHISON METEORITE

GS CELESTIAL BODIES
 METEORITES
 STONY METEORITES
 CHONDRITES
 CARBONACEOUS CHONDRITES
 MURCHISON METEORITE

MURRAY METEORITE

GS CELESTIAL BODIES
 METEORITES
 STONY METEORITES
 CHONDRITES
 CARBONACEOUS METEORITES
 MURRAY METEORITE

N

NAKED SINGULARITIES

GS ANALYSIS (MATHEMATICS)
 COMPLEX VARIABLES
 SINGULARITY (MATHEMATICS)
 NAKED SINGULARITIES
RT ASTROPHYSICS
 BLACK HOLES (ASTRONOMY)
 COSMOLOGY
 DEGENERATE MATTER
 GRAVITATIONAL COLLAPSE
 POINTS (MATHEMATICS)
 RELATIVITY
 SPACE-TIME FUNCTIONS
 THEORETICAL PHYSICS
 WHITE HOLES (ASTRONOMY)

NASA SPACE PROGRAMS

GS PROGRAMS
 NASA PROGRAMS
 NASA SPACE PROGRAMS
 APOLLO APPLICATIONS PROGRAM
 APOLLO PROJECT
 BIOASTRONAUTICAL ORBITAL
 SPACE SYSTEM
 CENTAUR PROJECT
 EARTH & OCEAN PHYSICS
 APPLICATIONS PROGRAM
 EARTH RESOURCES PROGRAM
 EARTH RESOURCES SURVEY
 PROGRAM
 SEASAT PROGRAM
 ECHO PROJECT
 GALILEO PROJECT
 GEMINI PROJECT
 HELIOS PROJECT
 JUPITER PROJECT
 MAGELLAN PROJECT (NASA)
 MARINER PROGRAM
 MARINER VENUS-MERCURY 1973

NASA SPACE PROGRAMS-(CONT.)

MARINER-MERCURY 1973
MARS 69 PROJECT
MARS 71 PROJECT
MERCURY PROJECT
NATIONAL LAUNCH VEHICLE
PROGRAM
NEW MOONS PROJECT
NIMBUS PROJECT
OPEN PROJECT
PIONEER PROJECT
PROJECT SETI
RANGER PROJECT
AGENA B RANGER PROGRAM
ROVER PROJECT
SAIL PROJECT
SATURN PROJECT
SCOUT PROJECT
SKYLAB PROGRAM
STARPROBE MISSION
SURVEYOR PROJECT
SYNCHRONOUS COMMUNICATIONS
SATELLITE PROJ
TEKTITE PROJECT
TIROS PROJECT
TITAN PROJECT
VANGUARD PROJECT
VIKING MARS PROGRAM
VOYAGER PROJECT
SPACE PROGRAMS
NASA SPACE PROGRAMS
APOLLO APPLICATIONS PROGRAM
APOLLO PROJECT
BIOASTRONAUTICAL ORBITAL
SPACE SYSTEM
CENTAUR PROJECT
EARTH & OCEAN PHYSICS
APPLICATIONS PROGRAM
EARTH RESOURCES PROGRAM
EARTH RESOURCES SURVEY
PROGRAM
SEASAT PROGRAM
ECHO PROJECT
GALILEO PROJECT
GEMINI PROJECT
HELIOS PROJECT
JUPITER PROJECT
MAGELLAN PROJECT (NASA)
MARINER PROGRAM
MARINER VENUS-MERCURY 1973
MARINER-MERCURY 1973
MARS 69 PROJECT
MARS 71 PROJECT
MERCURY PROJECT
NATIONAL LAUNCH VEHICLE
PROGRAM
NEW MOONS PROJECT
NIMBUS PROJECT
OPEN PROJECT
PIONEER PROJECT
PROJECT SETI
RANGER PROJECT
AGENA B RANGER PROGRAM
ROVER PROJECT
SAIL PROJECT
SATURN PROJECT
SCOUT PROJECT
SKYLAB PROGRAM
STARPROBE MISSION
SURVEYOR PROJECT
SYNCHRONOUS COMMUNICATIONS
SATELLITE PROJ
TEKTITE PROJECT
TIROS PROJECT
TITAN PROJECT
VANGUARD PROJECT
VIKING MARS PROGRAM
VOYAGER PROJECT
RT MANNED MARS MISSIONS

NATURAL SATELLITES

SN (EXCLUDES PLANETS)
UF PLANETARY SATELLITES
GS CELESTIAL BODIES
NATURAL SATELLITES
CHARON
ICY SATELLITES
ARIEL
CALLISTO
DIONE
ENCELADUS
EUROPA
GANYMEDE
HYPERION
IAPETUS
MIMAS

NEAR INFRARED RADIATION

NATURAL SATELLITES-(CONT.)

... RHEA (ASTRONOMY)
 ... TETHYS
 ... TITANIA
 ... JUPITER SATELLITES
 ... AMALTHEA
 ... GALILEAN SATELLITES
 ... CALLISTO
 ... EUROPA
 ... GANYMEDE
 ... IO
 ... MARS SATELLITES
 ... DEIMOS
 ... PHOBOS
 ... MOON
 ... SATURN SATELLITES
 ... DIONE
 ... ENCELADUS
 ... HYPERION
 ... IAPETUS
 ... JANUS
 ... MIMAS
 ... PHOEBE
 ... RHEA (ASTRONOMY)
 ... TETHYS
 ... TITAN
 ... TRITON
 ... URANUS SATELLITES
 ... ARIEL
 ... MIRANDA
 ... OBERON
 ... TITANIA
 ... UMBRIEL
 RT ARTIFICIAL SATELLITES
 CYRILLID METEORIODS
 EARTH-MOON SYSTEM
 METEORIODS
 PLANETS
 ROCHE LIMIT
 SATELLITE ATMOSPHERES
 SATELLITE SURFACES
 ∞ SATELLITES
 SATURN RINGS
 SOLAR SYSTEM
 TEKTITES
 URANUS RINGS

NEAR INFRARED RADIATION

SN (0.75 TO 3 MICRONS)
 GS ELECTROMAGNETIC RADIATION
 ... INFRARED RADIATION
 RT FAR INFRARED RADIATION
 INFRARED PHOTOMETRY
 LIGHT (VISIBLE RADIATION)
 ∞ RADIATION
 RADIATIVE HEAT TRANSFER
 RADIATIVE TRANSFER
 TERRESTRIAL RADIATION
 THERMAL RADIATION

NEAR ULTRAVIOLET RADIATION

SN (2000 TO 4000 ANGSTROMS)
 GS ELECTROMAGNETIC RADIATION
 ... ULTRAVIOLET RADIATION
 ... NEAR ULTRAVIOLET RADIATION
 IONIZING RADIATION
 ... ULTRAVIOLET RADIATION
 ... NEAR ULTRAVIOLET RADIATION
 RT FAR ULTRAVIOLET RADIATION
 LIGHT (VISIBLE RADIATION)
 ∞ RADIATION

NEBULAE

GS CELESTIAL BODIES
 ... NEBULAE
 ... CASSIOPEIA A
 ... CRAB NEBULA
 ... GUM NEBULA
 ... H I REGIONS
 ... H II REGIONS
 ... HERBIG-HARO OBJECTS
 ... ORION NEBULA
 ... PLANETARY NEBULAE
 ... REFLECTION NEBULAE
 RT GALAXIES
 INTERSTELLAR MATTER
 IRREGULAR GALAXIES
 MAFFEI GALAXIES
 MAGELLANIC CLOUDS
 NORTH POLAR SPUR (ASTRONOMY)
 OPHIUCHI CLOUDS
 OPIK THEORY
 SOLAR CORONA
 STAR FORMATION

NEBULAE-(CONT.) SUPERNOVAE

NEMESIS (STAR)

UF SOLAR COMPANION STAR
 GS CELESTIAL BODIES
 ... STARS
 ... DOUBLE STARS
 ... BINARY STARS
 ... COMPANION STARS
 ... NEMESIS (STAR)
 RT DWARF STARS
 EXTINCTION
 OORT CLOUD
 SOLAR NEIGHBORHOOD
 STELLAR ORBITS
 STELLAR SYSTEMS

NEPTUNE (PLANET)

GS CELESTIAL BODIES
 ... PLANETS
 ... GAS GIANT PLANETS
 ... NEPTUNE (PLANET)
 RT NEPTUNE ATMOSPHERE
 TRITON

NEPTUNE ATMOSPHERE

GS ENVIRONMENTS
 ... EXTRATERRESTRIAL ENVIRONMENTS
 ... PLANETARY ENVIRONMENTS
 ... PLANETARY ATMOSPHERES
 ... NEPTUNE ATMOSPHERE
 RT AEROSPACE ENVIRONMENTS
 ∞ ATMOSPHERES
 GAS GIANT PLANETS
 HYDROGEN
 METHANE
 NEPTUNE (PLANET)
 PLANETARY IONOSPHERES
 TRITON

NEUTRAL ATOMS

GS ATOMS
 ... NEUTRAL ATOMS
 RT ATOMIC BEAMS
 CHARGE DISTRIBUTION
 ∞ ELEMENTS
 H I REGIONS
 NEUTRAL BEAMS

NEUTRAL GASES

GS EXTRATERRESTRIAL MATTER
 ... COSMIC GASES
 ... INTERSTELLAR GAS
 ... NEUTRAL GASES
 ... INTERSTELLAR MATTER
 ... INTERSTELLAR GAS
 ... NEUTRAL GASES
 GASES
 ... RAREFIED GASES
 ... COSMIC GASES
 ... INTERSTELLAR GAS
 ... NEUTRAL GASES
 RT H I REGIONS
 INTERPLANETARY GAS

NEUTRINOS

GS PARTICLES
 ... ELEMENTARY PARTICLES
 ... FERMIONS
 ... LEPTONS
 ... NEUTRINOS
 ... SOLAR NEUTRINOS
 RT ANTINEUTRINOS
 DARK MATTER
 GRAVITINOS
 NEUTRAL CURRENTS

NEUTRON COUNTERS

UF NEUTRON DETECTORS
 GS MEASURING INSTRUMENTS
 ... COUNTERS
 ... RADIATION COUNTERS
 ... NEUTRON COUNTERS
 ... NEUTRON SPECTROMETERS
 ... RADIATION MEASURING INSTRUMENTS
 ... RADIATION COUNTERS
 ... NEUTRON COUNTERS
 ... NEUTRON SPECTROMETERS
 RT DOSIMETERS
 GEIGER COUNTERS
 IONIZATION CHAMBERS
 PROPORTIONAL COUNTERS
 SCINTILLATION COUNTERS
 SPARK CHAMBERS

NEUTRON DETECTORS

USE NEUTRON COUNTERS

NEUTRON FLUX

USE FLUX (RATE)

NEUTRON FLUX DENSITY

SN (LIMITED TO NEUTRON EMISSION OR
 DETECTION RATE PER UNIT AREA)
 GS RATES (PER TIME)
 ... FLUX DENSITY
 ... RADIANT FLUX DENSITY
 ... PARTICLE FLUX DENSITY
 ... NEUTRON FLUX DENSITY
 RT HIGH FLUX ISOTOPE REACTORS
 IRRADIANCE
 NUCLEAR FISSION
 RADIANCE
 RADIANCY
 RADIATION SHIELDING
 SOLAR NEUTRONS

NEUTRON SPECTRA

GS SPECTRA
 ... ENERGY SPECTRA
 ... NEUTRON SPECTRA

NEUTRON STARS

SN (EXCLUDES TRACKS OF PARTICLES
 EMANATING FROM A NUCLEAR
 COLLISION)
 GS CELESTIAL BODIES
 ... STARS
 ... NEUTRON STARS
 ... PULSARS
 RT DEGENERATE MATTER
 GRAVITATIONAL LENSES
 NEUTRAL CURRENTS
 SUPERNOVA REMNANTS
 X RAY BINARIES
 X RAY STARS

NEUTRON TRANSMUTATION

USE NUCLEAR REACTIONS

NEUTRONS

GS PARTICLES
 ... ELEMENTARY PARTICLES
 ... FERMIONS
 ... NEUTRONS
 ... COLD NEUTRONS
 ... FAST NEUTRONS
 ... PHOTONEUTRONS
 ... SOLAR NEUTRONS
 ... THERMAL NEUTRONS
 ... NEUTRAL PARTICLES
 ... NEUTRONS
 ... COLD NEUTRONS
 ... FAST NEUTRONS
 ... PHOTONEUTRONS
 ... SOLAR NEUTRONS
 ... THERMAL NEUTRONS
 RT BARYONS
 CHARGED PARTICLES
 CORPUSCULAR RADIATION
 COSMIC RAYS
 NEUTRON EMISSION
 NUCLEAR RADIATION
 NUCLEI (NUCLEAR PHYSICS)
 NUCLEON POTENTIAL
 NUCLEONS
 RADIATION EFFECTS
 RADIATION SHIELDING

NIGHT

RT DARKENING
 DARKNESS
 DAYTIME
 DIURNAL VARIATIONS
 EVENING
 SHADOWS
 SKY BRIGHTNESS
 TWILIGHT GLOW

NIGHT AIRGLOW

USE NIGHTGLOW

NIGHT E LAYER

USE E REGION
 NIGHT SKY

NIGHT F LAYER

USE F REGION
 NIGHT SKY

NUCLEI (NUCLEAR PHYSICS)

NIGHT SKY

UF NIGHT E LAYER
NIGHT F LAYER
GS SKY
RT NIGHT SKY
AIRGLOW
AURORAS
GEGENSCHN
NIGHTGLOW
SKY BRIGHTNESS
TWILIGHT GLOW
ZODIACAL LIGHT

NIGHTGLOW

UF NIGHT AIRGLOW
GS ATMOSPHERIC RADIATION
SKY RADIATION
AIRGLOW
NIGHTGLOW
ELECTROMAGNETIC RADIATION
LIGHT (VISIBLE RADIATION)
SKY RADIATION
AIRGLOW
NIGHTGLOW
RT BIOMETEOROLOGY
NIGHT SKY
RADIO AURORAS
SKY BRIGHTNESS

NOCTILUCENCE

USE LUMINESCENCE

NOCTILUCENT CLOUDS

GS CLOUDS (METEOROLOGY)
NOCTILUCENT CLOUDS
RT LUMINESCENCE

NONEQUILIBRIUM RADIATION

GS ELECTROMAGNETIC RADIATION
NONEQUILIBRIUM RADIATION
RT NONTHERMAL RADIATION
SHOCK WAVE PROPAGATION

NONGRAY ATMOSPHERES

RT ATMOSPHERES
BLACK BODY RADIATION
EMISSION
GRAY GAS
PLANETARY ATMOSPHERES

NONGRAY GAS

GS GASES
NONGRAY GAS
RT ATMOSPHERES
BLACK BODY RADIATION
EMISSION
HEAT TRANSFER
SPECTRAL EMISSION
THERMAL RADIATION
THERMODYNAMICS

NONRELATIVISTIC ELECTRONS

USE ELECTRONS

NONTHERMAL EMISSION

USE NONTHERMAL RADIATION

NONTHERMAL RADIATION

UF NONTHERMAL EMISSION
GS ELECTROMAGNETIC RADIATION
NONTHERMAL RADIATION
CYCLOTRON RADIATION
ION CYCLOTRON RADIATION
SYNCHROTRON RADIATION
RT GALACTIC RADIATION
MAGNETIC FIELDS
NONEQUILIBRIUM RADIATION
RADIATION
RADIO WAVES
THERMAL RADIATION

NOON

RT DAYTIME
ZENITH

NORTH POLAR SPUR (ASTRONOMY)

GS EXTRATERRESTRIAL RADIATION
EXTRATERRESTRIAL RADIO WAVES
GALACTIC RADIO WAVES
NORTH POLAR SPUR
(ASTRONOMY)
GALACTIC RADIATION
GALACTIC RADIO WAVES

NORTH POLAR SPUR (ASTRONOMY)-(CONT.)

RT NEBULAE
SUPERNOVA REMNANTS
X RAY SPECTRA

NORTHERN SKY

RT ASTRONOMICAL CATALOGS
ASTRONOMICAL COORDINATES
ASTRONOMICAL OBSERVATORIES
NORTHERN HEMISPHERE
SKY SURVEYS (ASTRONOMY)
SOUTHERN SKY

NORTON COUNTY ACHONDRITE

GS CELESTIAL BODIES
METEORITES
STONY METEORITES
ACHONDRITES
NORTON COUNTY ACHONDRITE

NOVA

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
RT NOVA LAUNCH VEHICLES
NOVAE

NOVAE

GS CELESTIAL BODIES
STARS
VARIABLE STARS
NOVAE
DWARF NOVAE
HERCULES NOVA
RT CATAclysmic VARIABLES
NOVA
SHOCK WAVES
STELLAR MASS
STELLAR MASS EJECTION
SUPERNOVAE
SYMBIOTIC STARS

NUCLEAR FUSION

UF NUCLEOSYNTHESIS
GS NUCLEAR REACTIONS
THERMONUCLEAR REACTIONS
NUCLEAR FUSION
CONTROLLED FUSION
RT COLLISIONAL PLASMAS
DEGENERATE MATTER
DENSE PLASMAS
DEUTERON IRRADIATION
FUSION
FUSION REACTORS
FUSION WEAPONS
FUSION-FISSION HYBRID REACTORS
HIGH ENERGY INTERACTIONS
IRRADIATION
MAGNETIC MIRRORS
MIRROR FUSION
NUCLEAR ENERGY
PLASMA FOCUS
RAILGUN ACCELERATORS
STAR FORMATION
STELLAR INTERIORS
STELLAR PHYSICS
SYNTHESIS
TOKAMAK DEVICES

NUCLEAR PARTICLES

GS PARTICLES
NUCLEAR PARTICLES
ANTIPARTICLES
ANTINEUTRINOS
ANTINUCLEONS
ANTIPROTONS
POSITRONS
BETA PARTICLES
BOSONS
ALPHA PARTICLES
MESONS
ETA-MESONS
KAONS
MESON RESONANCE
X MESONS
MUONS
PIONS
VECTOR MESONS
RHO-MESONS
SIGMA-MESONS
PHOTONS
XI HYPERONS
NUCLEONS

NUCLEAR PARTICLES-(CONT.)

RT PHOTOELECTRONS
CORPUSCULAR RADIATION
COSMIC RAYS
ELEMENTARY PARTICLES
FISSION PRODUCTS
GAMMA RAY BURSTS
NEUTRON CROSS SECTIONS
NEUTRON DISTRIBUTION
NEUTRON SCATTERING
NUCLEON POTENTIAL
NUCLEON-NUCLEON SCATTERING
PARTICLE ACCELERATORS
PARTICLE TRACKS
PHOTONEUTRONS
PI-ELECTRONS
POSITRON ANNIHILATION
PROTON RESONANCE
PROTONS

NUCLEAR REACTIONS

UF NEUTRON TRANSMUTATION
GS NUCLEAR REACTIONS
NUCLEAR FISSION
NUCLEAR INTERACTIONS
NUCLEAR CAPTURE
ELECTRON CAPTURE
SPIN-ORBIT INTERACTIONS
ELECTRON CAPTURE
WEAK INTERACTIONS (FIELD
THEORY)
NUCLEAR SCATTERING
NEUTRON SCATTERING
RESONANCE SCATTERING
NUCLEAR TRANSFORMATIONS
TRANSMUTATION
PHOTONUCLEAR REACTIONS
PROTON SCATTERING
PROTON-PROTON REACTIONS
RADIOACTIVE DECAY
ALPHA DECAY
NEUTRON EMISSION
SPALLATION
THERMONUCLEAR REACTIONS
NUCLEAR FUSION
CONTROLLED FUSION
RT BRAGG CURVE
COMPTON EFFECT
CRITICAL EXPERIMENTS
CRITICAL MASS
ELECTRON SCATTERING
EMISSION
HALF LIFE
HIGH ENERGY INTERACTIONS
IN HOUR EQUATION
INTERACTIONS
INTERNAL CONVERSION
PAIR PRODUCTION
PARTICLE INTERACTIONS
PARTICLE PRODUCTION
PHOTONEUTRONS
POISONING (REACTION INHIBITION)
POMERONS
RADIATION ABSORPTION
RADIOGENIC MATERIALS
REACTION
REACTION KINETICS
REACTIVITY
SOLAR NEUTRINOS
STRONG INTERACTIONS (FIELD
THEORY)
SUBCRITICAL MASS

NUCLEI (NUCLEAR PHYSICS)

GS PARTICLES
CHARGED PARTICLES
ENERGETIC PARTICLES
NUCLEI (NUCLEAR PHYSICS)
EVEN-EVEN NUCLEI
HEAVY NUCLEI
HYPERNUCLEI
ODD-EVEN NUCLEI
ODD-ODD NUCLEI
RT ATOMS
CORPUSCULAR RADIATION
COSMIC RAYS
ELEMENTARY PARTICLES
IONS
ISOTOPES
NEUTRONS
NUCLEAR ISOBARS
NUCLEI
NUCLEONS
PHYSICS
PROTONS

NUCLEOSYNTHESIS

NUCLEOSYNTHESIS
USE NUCLEAR FUSION

NUTATION

UF NUTATIONAL OSCILLATION
RT ACTUATION
DISPLACEMENT
DYNAMICS
EARTH ORIENTATION
KINEMATICS
LIBRATION
MOTION
PERTURBATION
POLAR WANDERING (GEOLOGY)
PRECESSION
ROTATION
VIBRATION

NUTATIONAL OSCILLATION
USE NUTATION

O

O STARS

GS CELESTIAL BODIES
STARS
EARLY STARS
HOT STARS
O STARS
BLUE STARS
WOLF-RAYET STARS

OAQ

UF ORBITING ASTRONOMICAL
OBSERVATORY
S-18 SATELLITE
GS OBSERVATORIES
ASTRONOMICAL OBSERVATORIES
ASTRONOMICAL SATELLITES
OAQ
OAQ 1
OAQ 2
OAQ 3
RT AGENA B ROCKET VEHICLE
ATLAS LAUNCH VEHICLES
HEAO
HEAO 1
HEAO 2
HEAO 3
MANNED ORBITAL TELESCOPES

OAQ 1

UF OAQ-A
GS OBSERVATORIES
ASTRONOMICAL OBSERVATORIES
ASTRONOMICAL SATELLITES
OAQ
OAQ 1
RT ATLAS CENTAUR LAUNCH VEHICLE

OAQ 2

UF OAQ-A2
GS OBSERVATORIES
ASTRONOMICAL OBSERVATORIES
ASTRONOMICAL SATELLITES
OAQ
OAQ 2
RT ATLAS CENTAUR LAUNCH VEHICLE

OAQ 3

UF COPERNICUS SPACECRAFT
OAQ-C
GS OBSERVATORIES
ASTRONOMICAL OBSERVATORIES
ASTRONOMICAL SATELLITES
OAQ
OAQ 3
RT ATLAS CENTAUR LAUNCH VEHICLE

OAQ-A

USE OAQ 1

OAQ-A2

USE OAQ 2

OAQ-C

USE OAQ 3

OBERON

GS CELESTIAL BODIES
NATURAL SATELLITES

OBERON-(CONT.)

URANUS SATELLITES
OBERON
RT URANUS (PLANET)

OBSCURATION

USE OCCULTATION

OBSERVATORIES

GS OBSERVATORIES
ASTRONOMICAL OBSERVATORIES
ASTRONOMICAL SATELLITES
ASTRONOMICAL NETHERLANDS
SATELLITE
GAMMA RAY OBSERVATORY
HEAO
HEAO 1
HEAO 2
HEAO 3
HUBBLE SPACE TELESCOPE
INFRARED ASTRONOMY SATELLITE
INFRARED SPACE OBSERVATORY
(ISO)
IUE
MAGELLAN ULTRAVIOLET
ASTRONOMY SATELLITE
OAQ
OAQ 1
OAQ 2
OAQ 3
OSO
AOSO
OSO-1
OSO-2
OSO-3
OSO-4
OSO-5
OSO-6
OSO-7
OSO-8
QUASAT
SAS
EXPLORER 53 SATELLITE
SAS-1
SAS-2
SAS-3
SPACE INFRARED TELESCOPE
FACILITY
SPARTAN SATELLITES
X RAY ASTROPHYSICS FACILITY
ASTROPLANE
ROSAT MISSION
GEOPHYSICAL OBSERVATORIES
OGO
EGO
OGO-A
OGO-3
OGO-5
OGO-6
OGO-C
OGO-4
OGO-6
OSO
OSO-C
OSO-1
OSO-2
OSO-3
OSO-4
OSO-5
OSO-6
OSO-7
OSO-8
JODRELL BANK OBSERVATORY
LUNAR OBSERVATORIES
SOLAR OBSERVATORIES
OSO
AOSO
OSO-C
OSO-1
OSO-2
OSO-3
OSO-4
OSO-5
OSO-6
OSO-7
OSO-8
PINHOLE OCCULTER FACILITY
RT ARTIFICIAL SATELLITES

OCCULTATION

UF OBSCURATION
GS OCCULTATION
LUNAR OCCULTATION
SOLAR ECLIPSES
RADIO OCCULTATION

OCCULTATION-(CONT.)

STELLAR OCCULTATION
RT CONJUNCTION
ECLIPSES
EXTINGUISHING
PINHOLE OCCULTER FACILITY
TRANSIT

ODESSA METEORITE

GS CELESTIAL BODIES
METEORITES
IRON METEORITES
ODESSA METEORITE

OKHANSK METEORITE

GS CELESTIAL BODIES
METEORITES
OKHANSK METEORITE
RT IRON METEORITES
STONY METEORITES

OMICRON CETI STAR

UF MIRA CETI STAR
GS CELESTIAL BODIES
STARS
GIANT STARS
OMICRON CETI STAR
LATE STARS
COOL STARS
MIRA VARIABLES
OMICRON CETI STAR
VARIABLE STARS
MIRA VARIABLES
OMICRON CETI STAR

OORT CLOUD

RT CLOUDS
COMET NUCLEI
COMETS
NEMESIS (STAR)
SOLAR SYSTEM

OPEN CLUSTERS

GS CELESTIAL BODIES
STAR CLUSTERS
OPEN CLUSTERS
PLEIADES CLUSTER
PRAESEPE STAR CLUSTERS

OPEN PROJECT

UF ORIGIN OF PLASMAS IN EARTH
NEIGHBORHOOD
GS PROGRAMS
NASA PROGRAMS
NASA SPACE PROGRAMS
OPEN PROJECT
PROJECTS
OPEN PROJECT
SPACE PROGRAMS
NASA SPACE PROGRAMS
OPEN PROJECT
RT EARTH ATMOSPHERE
EARTH MAGNETOSPHERE
PLASMA DIAGNOSTICS
PLASMA PHYSICS
PLASMASPHERE
SATELLITE-BORNE INSTRUMENTS
SPACE PLASMAS

OPHIUCHI CLOUDS

RT CLOUD PHYSICS
CLOUDS
INTERSTELLAR GAS
INTERSTELLAR MATTER
NEBULAE

OPIK THEORY

RT NEBULAE
ORION CONSTELLATION
ORION NEBULA
SUPERNOVAE
THEORIES

OPTICAL DEPTH

USE OPTICAL THICKNESS

OPTICAL EMISSION

USE LIGHT EMISSION

OPTICAL SPECTRUM

USE LIGHT (VISIBLE RADIATION)
SPECTRA

OPTICAL THICKNESS

UF OPTICAL DEPTH
 RT ANTIREFLECTION COATINGS
 FERMAT PRINCIPLE
 ∞ OPTICS
 REFRACTIVITY
 THICKNESS

ORBIT CALCULATION

UF SATELLITE ORBIT CALCULATION
 GS COMPUTATION
 . ORBIT CALCULATION
 . . MINIMUM VARIANCE ORBIT
 DETERMINATION
 RT FLIGHT MECHANICS
 GODDARD TRAJECTORY
 DETERMINATION SYSTEM
 ORBITAL ELEMENTS
 ORBITAL MECHANICS
 ORBITAL POSITION ESTIMATION
 ORBITAL RESONANCES (CELESTIAL
 MECHANICS)
 QUADRATURES

ORBIT DECAY

RT AERODYNAMIC DRAG
 ATMOSPHERIC ENTRY
 FLIGHT MECHANICS
 ORBITAL MECHANICS
 SATELLITE LIFETIME

ORBIT EQUATIONS

USE ORBITAL MECHANICS

ORBITAL ASSEMBLY

UF CONSTRUCTION IN SPACE
 SPACECRAFT ORBITAL ASSEMBLY
 GS ASSEMBLING
 . ORBITAL ASSEMBLY
 RT EXPANDABLE STRUCTURES
 INFLATABLE SPACECRAFT
 SELF ERECTING DEVICES
 SPACE ERECTABLE STRUCTURES
 SPACE OPERATIONS CENTER (NASA)
 SPACE STATION STRUCTURES
 SPACECRAFT MODULES
 SPACECRAFT STRUCTURES

ORBITAL ELEMENTS

RT ∞ ELEMENTS
 ORBIT CALCULATION
 ORBIT PERTURBATION
 PERTURBATION THEORY
 SLATER ORBITALS

ORBITAL LAUNCHING

SN (LAUNCHING FROM AN
 ORBIT--EXCLUDES LAUNCHING INTO
 ORBIT FROM GROUND)
 GS LAUNCHING
 . ROCKET LAUNCHING
 . . ORBITAL LAUNCHING
 RT INTERPLANETARY TRAJECTORIES
 LUNAR LAUNCH
 PAYLOAD DELIVERY (STS)
 SPACECRAFT LAUNCHING
 TRANSFER ORBITS

ORBITAL LIFETIME

RT ATTITUDE CONTROL
 EARTH ORBITS

ORBITAL MANEUVERS

GS MANEUVERS
 . SPACECRAFT MANEUVERS
 . . ORBITAL MANEUVERS
 RT ORBIT MANEUVERING ENGINE (SPACE
 SHUTTLE)
 SPACE NAVIGATION
 SPACE SHUTTLES

ORBITAL MECHANICS

UF ORBIT EQUATIONS
 GS CLASSICAL MECHANICS
 . SPACE MECHANICS
 . . ORBITAL MECHANICS
 . . . KEPLER LAWS
 . . . MINIMUM VARIANCE ORBIT
 DETERMINATION
 RT AEROMANEUVERING ORBIT TO ORBIT
 SHUTTLE
 APSIDES
 ASTRODYNAMICS
 CELESTIAL MECHANICS

ORBITAL MECHANICS-(CONT.)

CIRCULAR ORBITS
 DRIFT RATE
 EARTH ORBITAL RENDEZVOUS
 EARTH ORBITS
 EARTH-MARS TRAJECTORIES
 EARTH-MERCURY TRAJECTORIES
 EARTH-MOON SYSTEM
 ELLIPTICAL ORBITS
 EQUATORIAL ORBITS
 FLIGHT MECHANICS
 FLIGHT OPTIMIZATION
 GODDARD TRAJECTORY
 DETERMINATION SYSTEM
 HANSEN LUNAR THEORY
 HILL LUNAR THEORY
 HILL METHOD
 INTERPLANETARY TRAJECTORIES
 INTERPLANETARY TRANSFER ORBITS
 LAGRANGIAN EQUILIBRIUM POINTS
 LUNAR ORBITAL RENDEZVOUS
 LUNAR ORBITS
 MANY BODY PROBLEM
 ∞ MECHANICS (PHYSICS)
 MOON-EARTH TRAJECTORIES
 ORBIT CALCULATION
 ORBIT DECAY
 ORBIT PERTURBATION
 ORBITAL RESONANCES (CELESTIAL
 MECHANICS)
 ORBITS
 PARKING ORBITS
 PERTURBATION
 PLANETARY LANDING
 POYNTING-ROBERTSON EFFECT
 QUADRATURES
 RENDEZVOUS
 RENDEZVOUS TRAJECTORIES
 ROUND TRIP TRAJECTORIES
 SATELLITE ORBITS
 SATELLITE PERTURBATION
 SPACE NAVIGATION
 SPACECRAFT ORBITS
 STATIONKEEPING
 SWINGBY TECHNIQUE
 THRUST PROGRAMMING
 TRAJECTORY ANALYSIS
 TRANSEARTH INJECTION
 TRANSFER ORBITS
 TRANS-LUNAR INJECTION
 TWENTY-FOUR HOUR ORBITS
 TWO BODY PROBLEM

ORBITAL MOTION

USE ORBITS

ORBITAL POSITION ESTIMATION

GS ESTIMATING
 . ORBITAL POSITION ESTIMATION
 RT CELESTIAL SPHERE
 GODDARD TRAJECTORY
 DETERMINATION SYSTEM
 NAVIGATION
 ORBIT CALCULATION
 ∞ ORIENTATION
 POSITION (LOCATION)
 POSITION ERRORS
 ∞ RANGE
 SATELLITE ORBITS
 SPACECRAFT ORBITS
 SPACECRAFT POSITION INDICATORS
 STATE ESTIMATION

ORBITAL RESONANCES (CELESTIAL MECHANICS)

GS RESONANCE
 . ORBITAL RESONANCES (CELESTIAL
 MECHANICS)
 RT ASTRODYNAMICS
 CELESTIAL MECHANICS
 GRAVITATIONAL EFFECTS
 LIBRATION
 LIBRATIONAL MOTION
 ORBIT CALCULATION
 ORBIT PERTURBATION
 ORBITAL MECHANICS
 OSCILLATIONS
 PLANETARY ORBITS
 PLANETARY SYSTEMS
 SATELLITE ORBITS
 SOLAR ORBITS

ORBITAL VELOCITY

GS RATES (PER TIME)
 . ORBITAL VELOCITY
 VELOCITY

ORBITAL VELOCITY-(CONT.)

. ORBITAL VELOCITY
 RT ANGULAR VELOCITY
 ESCAPE VELOCITY
 ∞ HYPERVELOCITY
 VELOCITY ERRORS

ORBITING ASTRONOMICAL OBSERVATORY

USE OAO

ORBITING LUNAR STATIONS

GS ARTIFICIAL SATELLITES
 . LUNAR SATELLITES
 . . ORBITING LUNAR STATIONS
 . SPACE STATIONS
 . . ORBITING LUNAR STATIONS
 LUNAR SPACECRAFT
 . LUNAR SATELLITES
 . . ORBITING LUNAR STATIONS
 STATIONS
 . SPACE STATIONS
 . . ORBITING LUNAR STATIONS
 RT LUNAR BASES
 ∞ SPACECRAFT

ORBITING SOLAR OBSERVATORY

USE OSO

ORBITS

UF ORBITAL MOTION
 PERIODIC ORBITS
 GS ORBITS
 . CIRCULAR ORBITS
 . . STATIONARY ORBITS
 . EARTH ORBITS
 . . APOGEES
 . . PERIGEEES
 . . ECCENTRIC ORBITS
 . ELLIPTICAL ORBITS
 . . APHELIONS
 . . APOGEES
 . . PERIGEEES
 . . PERIHELIONS
 . . TRANSFER ORBITS
 . . INTERPLANETARY TRANSFER
 ORBITS
 . EQUATORIAL ORBITS
 . . STATIONARY ORBITS
 . LUNAR ORBITS
 . PLANETARY ORBITS
 . SOLAR ORBITS
 . . APHELIONS
 . . PERIHELIONS
 . . SPACECRAFT ORBITS
 . . SATELLITE ORBITS
 . . . GEOSYNCHRONOUS ORBITS
 . . . PARKING ORBITS
 . . . POLAR ORBITS
 . . . STATIONARY ORBITS
 . . . TWENTY-FOUR HOUR ORBITS
 . . TRANSFER ORBITS
 . . INTERPLANETARY TRANSFER
 ORBITS
 . . TROJAN ORBITS
 . . STELLAR ORBITS
 RT AIRBORNE RANGE AND ORBIT
 DETERMINATION
 APEXES
 ARTIFICIAL SATELLITES
 ASTRODYNAMICS
 CELESTIAL BODIES
 CELESTIAL MECHANICS
 ∞ CONJUNCTION
 EARTH-VENUS TRAJECTORIES
 EPHEMERIDES
 FLIGHT OPTIMIZATION
 FLIGHT PATHS
 FOUR BODY PROBLEM
 GROUND TRACKS
 ∞ INCLINATION
 INTERPLANETARY FLIGHT
 LUNAR FLIGHT
 MANY BODY PROBLEM
 ∞ MOTION
 ORBITAL MECHANICS
 ORBITALS
 ∞ PATHS
 QUADRATURES
 ROCHE LIMIT
 SATELLITE GROUND TRACKS
 SCHWARZSCHILD METRIC
 SPACE FLIGHT
 SPACE NAVIGATION
 SPACECRAFT GUIDANCE
 STATIONKEEPING

ORES

ORBITS-(CONT.)

SUBORBITAL FLIGHT
THREE BODY PROBLEM
TRAJECTORIES
TWO BODY PROBLEM

ORES

USE MINERALS

ORGUEIL METEORITE

GS CELESTIAL BODIES
.. METEORITES
.. STONY METEORITES
.. CHONDRITES
.. CARBONACEOUS METEORITES
.. ORGUEIL METEORITE

ORIGIN OF PLASMAS IN EARTH NEIGHBORHOOD

USE OPEN PROJECT

ORION CONSTELLATION

GS CONSTELLATIONS
.. ORION CONSTELLATION
RT OPIK THEORY
ORION NEBULA
SIGMA ORIONIS

ORION NEBULA

GS CELESTIAL BODIES
.. NEBULAE
.. ORION NEBULA
HYDROGEN CLOUDS
.. ORION NEBULA
RT ASTROPHYSICS
CASSIOPEIA A
CRAB NEBULA
GALAXIES
GUM NEBULA
INTERSTELLAR GAS
INTERSTELLAR MATTER
IRREGULAR GALAXIES
MAGELLANIC CLOUDS
MILKY WAY GALAXY
OPIK THEORY
ORION CONSTELLATION
PLANETARY NEBULAE
STELLAR CORONAS
SUPERNOVAE

ORIONID METEORIDS

GS CELESTIAL BODIES
.. METEOROID SHOWERS
.. ORIONID METEORIDS
.. METEORIDS
.. ORIONID METEORIDS
RT AQUARID METEORIDS

ORRERIES

USE ASTRONOMICAL MODELS

OSO

UF ORBITING SOLAR OBSERVATORY
GS ARTIFICIAL SATELLITES
.. GEOPHYSICAL SATELLITES
.. OSO
.. OSO-C
.. OSO-1
.. OSO-2
.. OSO-3
.. OSO-4
.. OSO-5
.. OSO-6
.. OSO-7
.. OSO-8
OBSERVATORIES
.. ASTRONOMICAL OBSERVATORIES
.. ASTRONOMICAL SATELLITES
.. OSO
.. AOSO
.. OSO-1
.. OSO-2
.. OSO-3
.. OSO-4
.. OSO-5
.. OSO-6
.. OSO-7
.. OSO-8
.. GEOPHYSICAL OBSERVATORIES
.. OSO
.. OSO-C
.. OSO-1
.. OSO-2
.. OSO-3
.. OSO-4
.. OSO-5

OSO-(CONT.)

.. OSO-6
.. OSO-7
.. OSO-8
.. SOLAR OBSERVATORIES
.. OSO

.. AOSO

.. OSO-C

.. OSO-1

.. OSO-2

.. OSO-3

.. OSO-4

.. OSO-5

.. OSO-6

.. OSO-7

.. OSO-8

RT

SUN

THOR DELTA LAUNCH VEHICLE

OSO-A

USE OSO-1

OSO-B

USE OSO-2

OSO-C

UF S-57 SATELLITE
GS ARTIFICIAL SATELLITES
.. GEOPHYSICAL SATELLITES
.. OSO
.. OSO-C
OBSERVATORIES
.. GEOPHYSICAL OBSERVATORIES
.. OSO
.. OSO-C
.. SOLAR OBSERVATORIES
.. OSO
.. OSO-C
RT DELTA LAUNCH VEHICLE

OSO-D

USE OSO-4

OSO-E

USE OSO-3

OSO-F

USE OSO-5

OSO-G

USE OSO-6

OSO-H

USE OSO-7

OSO-J

USE OSO-8

OSO-1

UF OSO-A
GS S-16 SATELLITE
.. ARTIFICIAL SATELLITES
.. GEOPHYSICAL SATELLITES
.. OSO
.. OSO-1
OBSERVATORIES
.. ASTRONOMICAL OBSERVATORIES
.. ASTRONOMICAL SATELLITES
.. OSO
.. OSO-1
.. GEOPHYSICAL OBSERVATORIES
.. OSO
.. OSO-1
.. SOLAR OBSERVATORIES
.. OSO
.. OSO-1
RT DELTA LAUNCH VEHICLE

OSO-2

UF OSO-B
GS S-17 SATELLITE
.. ARTIFICIAL SATELLITES
.. GEOPHYSICAL SATELLITES
.. OSO
.. OSO-2
OBSERVATORIES
.. ASTRONOMICAL OBSERVATORIES
.. ASTRONOMICAL SATELLITES
.. OSO
.. OSO-2
.. GEOPHYSICAL OBSERVATORIES
.. OSO
.. OSO-2
.. SOLAR OBSERVATORIES

OSO-2-(CONT.)

.. OSO
.. OSO-2
RT DELTA LAUNCH VEHICLE

OSO-3

UF OSO-E
GS ARTIFICIAL SATELLITES
.. GEOPHYSICAL SATELLITES
.. OSO
.. OSO-3
OBSERVATORIES
.. ASTRONOMICAL OBSERVATORIES
.. ASTRONOMICAL SATELLITES
.. OSO
.. OSO-3
.. GEOPHYSICAL OBSERVATORIES
.. OSO
.. OSO-3
.. SOLAR OBSERVATORIES
.. OSO
.. OSO-3

OSO-4

UF OSO-D
GS ARTIFICIAL SATELLITES
.. GEOPHYSICAL SATELLITES
.. OSO
.. OSO-4
OBSERVATORIES
.. ASTRONOMICAL OBSERVATORIES
.. ASTRONOMICAL SATELLITES
.. OSO
.. OSO-4
.. GEOPHYSICAL OBSERVATORIES
.. OSO
.. OSO-4
.. SOLAR OBSERVATORIES
.. OSO
.. OSO-4
RT DELTA LAUNCH VEHICLE

OSO-5

UF OSO-F
GS ARTIFICIAL SATELLITES
.. GEOPHYSICAL SATELLITES
.. OSO
.. OSO-5
OBSERVATORIES
.. ASTRONOMICAL OBSERVATORIES
.. ASTRONOMICAL SATELLITES
.. OSO
.. OSO-5
.. GEOPHYSICAL OBSERVATORIES
.. OSO
.. OSO-5
.. SOLAR OBSERVATORIES
.. OSO
.. OSO-5

OSO-6

UF OSO-G
GS ARTIFICIAL SATELLITES
.. GEOPHYSICAL SATELLITES
.. OSO
.. OSO-6
OBSERVATORIES
.. ASTRONOMICAL OBSERVATORIES
.. ASTRONOMICAL SATELLITES
.. OSO
.. OSO-6
.. GEOPHYSICAL OBSERVATORIES
.. OSO
.. OSO-6
.. SOLAR OBSERVATORIES
.. OSO
.. OSO-6

OSO-7

UF OSO-H
GS ARTIFICIAL SATELLITES
.. GEOPHYSICAL SATELLITES
.. OSO
.. OSO-7
OBSERVATORIES
.. ASTRONOMICAL OBSERVATORIES
.. ASTRONOMICAL SATELLITES
.. OSO
.. OSO-7
.. GEOPHYSICAL OBSERVATORIES
.. OSO
.. OSO-7
.. SOLAR OBSERVATORIES
.. OSO
.. OSO-7

PARTICLE PRODUCTION

OSO-7-(CONT.)

RT DUAL SPIN SPACECRAFT

OSO-8

UF OSO-J
GS ARTIFICIAL SATELLITES
.. GEOPHYSICAL SATELLITES
.. OSO
.. OSO-8
OBSERVATORIES
.. ASTRONOMICAL OBSERVATORIES
.. ASTRONOMICAL SATELLITES
.. OSO
.. OSO-8
.. GEOPHYSICAL OBSERVATORIES
.. OSO
.. OSO-8
.. SOLAR OBSERVATORIES
.. OSO
.. OSO-8

OSS-1 PAYLOAD

GS PAYLOADS
.. SPACE SHUTTLE PAYLOADS
.. OSS-1 PAYLOAD
RT EXPLORATION
GET AWAY SPECIALS (STS)
INVESTIGATION
NASA PROGRAMS
SPACE TRANSPORTATION SYSTEM
SPACEBORNE EXPERIMENTS

OUTER PLANET MISSIONS

USE GRAND TOURS

OUTER PLANET SPACECRAFT

USE OUTER PLANETS EXPLORERS

OUTER PLANETS EXPLORERS

UF OUTER PLANET SPACECRAFT
PLANETARY EXPLORER
RT DELTA LAUNCH VEHICLE
EXPLORER SATELLITES
FLYBY MISSIONS
GRAND TOURS
INTERPLANETARY FLIGHT
MARS PROBES
∞ SPACECRAFT
TOPS (SPACECRAFT)
VENUS PROBES

OUTER RADIATION BELT

GS PARTICLES
.. CHARGED PARTICLES
.. MAGNETICALLY TRAPPED PARTICLES
.. RADIATION BELTS
.. OUTER RADIATION BELT
.. TRAPPED PARTICLES
.. MAGNETICALLY TRAPPED PARTICLES
.. RADIATION BELTS
.. OUTER RADIATION BELT
RT ARTIFICIAL RADIATION BELTS
INNER RADIATION BELT
PROTON BELTS
∞ RADIATION

OXYGEN SPECTRA

GS SPECTRA
.. OXYGEN SPECTRA
RT AIRGLOW
HERZBERG BANDS
MOLECULAR SPECTRA
SOLAR SPECTRA

OZONE LAYER

USE OZONOSPHERE

OZONOSPHERE

UF OZONE LAYER
GS EARTH ATMOSPHERE
.. MIDDLE ATMOSPHERE
.. STRATOSPHERE
.. OZONOSPHERE
RT CHEMOSPHERE
HOMOSPHERE
OZONE DEPLETION
UMKEHR EFFECT
UPPER ATMOSPHERE

P

PALEOMAGNETISM

GS MAGNETIC FIELDS
.. PALEOMAGNETISM
MAGNETIC PROPERTIES
.. PALEOMAGNETISM
RT ARCHAEOLOGY
CONES (VOLCANOES)
CONTINENTAL DRIFT
GEOLOGY
GEOMAGNETISM
GEOPHYSICS
MARS VOLCANOES
REMANENCE
ROCKS
VOLCANOES
VOLCANOLOGY

PANTAR CHONDRITES

GS CELESTIAL BODIES
.. METEORITES
.. STONY METEORITES
.. CHONDRITES
.. PANTAR CHONDRITES

PARABOLIC VELOCITY

USE ESCAPE VELOCITY

PARALLAX

GS PARALLAX
.. SOLAR PARALLAX
.. STELLAR PARALLAX
RT ASTROMETRY
COMPANION STARS
∞ OPTICS

PARKING ORBITS

GS ORBITS
.. SPACECRAFT ORBITS
.. SATELLITE ORBITS
.. PARKING ORBITS
RT EARTH ORBITS
EARTH-MOON TRAJECTORIES
FLIGHT OPTIMIZATION
INTERPLANETARY TRAJECTORIES
LUNAR ORBITS
LUNAR TRAJECTORIES
ORBITAL MECHANICS
∞ PARKING
PLANETARY ORBITS
THRUST PROGRAMMING
TRANSFER ORBITS

PARTICLE ACCELERATION

GS RATES (PER TIME)
.. ACCELERATION (PHYSICS)
.. PARTICLE ACCELERATION
RT ∞ ACCELERATION
ELECTROMAGNETIC ACCELERATION
MAGNETIC FIELDS
PLASMA ACCELERATION
RACETRACKS (PARTICLE
ACCELERATORS)

PARTICLE COUNTERS

USE RADIATION COUNTERS

PARTICLE DENSITY (CONCENTRATION)

GS DENSITY (NUMBER/VOLUME)
.. PARTICLE DENSITY (CONCENTRATION)
.. ELECTRON DENSITY
.. ELECTRON DENSITY
(CONCENTRATION)
.. CARRIER DENSITY (SOLID STATE)
.. ELECTRON DENSITY PROFILES
.. IONOSPHERIC ELECTRON DENSITY
.. MAGNETOSPHERIC ELECTRON
DENSITY
.. ELECTRON DISTRIBUTION
.. ELECTRON DENSITY PROFILES
.. ION DENSITY (CONCENTRATION)
.. IONOSPHERIC ION DENSITY
.. MAGNETOSPHERIC ION DENSITY
.. MAGNETOSPHERIC PROTON
DENSITY
.. PROTON DENSITY
(CONCENTRATION)
.. MAGNETOSPHERIC PROTON
DENSITY
.. PLASMA DENSITY
ATMOSPHERIC DENSITY
ESRO 4 SATELLITE
ION STRIPPING
IONOSPHERIC COMPOSITION

PARTICLE DENSITY (CONCENTRATION)-(CONT.)

SPACE DENSITY
SPATIAL DISTRIBUTION

PARTICLE DETECTORS

USE RADIATION COUNTERS

PARTICLE FLUX

USE FLUX (RATE)

PARTICLE FLUX DENSITY

SN (LIMITED TO PARTICLE EMISSION OR
DETECTION RATE PER UNIT AREA)
GS RATES (PER TIME)
.. FLUX DENSITY
.. RADIANT FLUX DENSITY
.. PARTICLE FLUX DENSITY
.. ELECTRON FLUX DENSITY
.. NEUTRON FLUX DENSITY
.. PROTON FLUX DENSITY
RT HELIOS SATELLITES
∞ PARTICLE INTENSITY
RADIANCY
RADIATION COUNTERS
RADIATION PRESSURE
SOLAR CONSTANT
SOLAR FLUX DENSITY

∞ PARTICLE INTENSITY

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
RT PARTICLE ENERGY
PARTICLE FLUX DENSITY

PARTICLE INTERACTIONS

GS PARTICLE INTERACTIONS
.. ELEMENTARY PARTICLE
INTERACTIONS
.. HIGH ENERGY INTERACTIONS
.. STRONG INTERACTIONS (FIELD
THEORY)
.. MESON-MESON INTERACTIONS
.. MESON-NUCLEON INTERACTIONS
.. NUCLEAR CAPTURE
.. ELECTRON CAPTURE
.. NUCLEON-NUCLEON INTERACTIONS
.. WEAK ENERGY INTERACTIONS
.. WEAK INTERACTIONS (FIELD
THEORY)
.. ION ATOM INTERACTIONS
.. MOLECULAR INTERACTIONS
.. MOLECULAR COLLISIONS
.. NUCLEAR INTERACTIONS
.. NUCLEAR CAPTURE
.. ELECTRON CAPTURE
.. SPIN-ORBIT INTERACTIONS
.. ELECTRON CAPTURE
.. WEAK INTERACTIONS (FIELD
THEORY)
.. PLASMA-PARTICLE INTERACTIONS
RT BRAGG CURVE
CHARM (PARTICLE PHYSICS)
CHEMICAL REACTIONS
COLLISION PARAMETERS
ELECTRON PHONON INTERACTIONS
ELECTRON SCATTERING
FEYNMAN DIAGRAMS
FLAVOR (PARTICLE PHYSICS)
∞ INTERACTIONS
NEUTRAL CURRENTS
NUCLEAR REACTIONS
PHOTONUCLEAR REACTIONS
PHOTOPHORESIS
QUANTUM CHROMODYNAMICS

PARTICLE PRODUCTION

GS PARTICLE PRODUCTION
.. KAON PRODUCTION
.. PAIR PRODUCTION
.. PHOTOPRODUCTION
RT COMMINUTION
CORPUSCULAR RADIATION
HIGH ENERGY INTERACTIONS
NUCLEAR RADIATION
NUCLEAR REACTIONS
PARTICLES
RADIOACTIVITY
SPALLATION

PARTICLE TELESCOPES

PARTICLE TELESCOPES

- UF ELECTRON TELESCOPES
- GEP TELESCOPES
- GODDARD EXPERIMENT PACKAGE TELESCOPE
- GS PROTON TELESCOPES
- MEASURING INSTRUMENTS
- COUNTERS
- RADIATION COUNTERS
- PARTICLE TELESCOPES
- RADIATION MEASURING INSTRUMENTS
- RADIATION COUNTERS
- PARTICLE TELESCOPES
- TELESCOPES
- PARTICLE TELESCOPES
- RT GEIGER COUNTERS
- SATELLITE-BORNE INSTRUMENTS
- SCINTILLATION COUNTERS

PASCHEN SERIES

- GS SPECTRA
- RADIATION SPECTRA
- ELECTROMAGNETIC SPECTRA
- LINE SPECTRA
- PASCHEN SERIES
- RT ABSORPTION SPECTRA
- ATOMIC SPECTRA
- ELECTRON TRANSITIONS
- EMISSION SPECTRA
- H LINES
- HYDROGEN

PECULIAR STARS

- GS CELESTIAL BODIES
- STARS
- PECULIAR STARS
- SIGMA ORIONIS
- SYMBIOTIC STARS
- RT A STARS
- B STARS
- HOT STARS
- MAGNETIC STARS
- STELLAR SPECTRA
- STELLAR SPECTROPHOTOMETRY
- STELLAR STRUCTURE

PENETRATING PARTICLES

- USE CORPUSCULAR RADIATION

PENUMBRAS

- GS SHADOWS
- PENUMBRAS
- RT ECLIPSES
- UMBRAS

PERIGEEES

- GS APSIDES
- PERIGEEES
- ORBITS
- EARTH ORBITS
- PERIGEEES
- ELLIPTICAL ORBITS
- PERIGEEES
- RT APOGEEES
- PERILUNES

PERIHELIONS

- GS APSIDES
- PERIHELIONS
- ORBITS
- ELLIPTICAL ORBITS
- PERIHELIONS
- SOLAR ORBITS
- PERIHELIONS
- RT APHELIONS

PERILUNES

- GS APSIDES
- PERILUNES
- RT LUNAR ORBITS
- LUNAR SATELLITES
- PERIGEEES

PERIODIC ORBITS

- USE ORBITS

PERMAFROST

- UF FROZEN SOILS
- GS SOILS
- PERMAFROST
- RT AUFEIS (ICE)
- POLAR REGIONS

PERSEID METEORIODS

- GS CELESTIAL BODIES
- METEOROID SHOWERS
- PERSEID METEORIODS
- METEORIODS
- PERSEID METEORIODS

PERSONNEL PROPULSION SYSTEMS

- USE SELF MANEUVERING UNITS

PERTURBATION

- GS PERTURBATION
- ORBIT PERTURBATION
- SATELLITE PERTURBATION
- RT DISTURBANCES
- FOUR BODY PROBLEM
- GEODESY
- LONG TERM EFFECTS
- MANY BODY PROBLEM
- NUTATION
- ORBITAL MECHANICS
- OSCILLATIONS
- OSCILLATORS
- RADIATION PRESSURE
- SCHACH EFFECT
- THREE BODY PROBLEM
- TWO BODY PROBLEM
- VARIATIONS

PETROGRAPHY

- GS GEOLOGY
- PETROLOGY
- PETROGRAPHY
- RT INLIERS (LANDFORMS)
- ROCKS
- SEDIMENTARY ROCKS

PETROLOGY

- GS GEOLOGY
- PETROLOGY
- PETROGRAPHY
- RT CONES (VOLCANOES)
- FORMATIONS
- GEOCHEMISTRY
- GEOLOGICAL SURVEYS
- GEOPHYSICS
- IMPACT MELTS
- INLIERS (LANDFORMS)
- MARS VOLCANOES
- MINERALOGY
- ROCKS
- STRATIGRAPHY
- VOLCANOES
- VOLCANOLOGY

PHASE SWITCHING INTERFEROMETERS

- GS MEASURING INSTRUMENTS
- INTERFEROMETERS
- PHASE SWITCHING
- INTERFEROMETERS
- RT RADIO ASTRONOMY
- RADIO TELESCOPES

PHASES

- SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
- RT CYCLES
- LIQUID PHASES
- LUNAR PHASES
- PHASE SHIFT
- PHASE TRANSFORMATIONS
- SOLID PHASES
- TERMINATOR LINES
- VAPOR PHASES

PHOBOS

- GS CELESTIAL BODIES
- NATURAL SATELLITES
- MARS SATELLITES
- PHOBOS
- RT DEIMOS
- MARS (PLANET)

PHOEBE

- GS CELESTIAL BODIES
- NATURAL SATELLITES
- SATURN SATELLITES
- PHOEBE
- RT SATURN (PLANET)

PHOTOCLINOMETRY

- USE PHOTOGRAMMETRY

PHOTODETECTORS

- USE PHOTOMETERS

PHOTOELECTROMAGNETIC DETECTORS

- USE PHOTOELECTROMAGNETIC EFFECTS
- RADIATION MEASURING INSTRUMENTS

PHOTOEMISSION

- USE EMISSION
- PHOTOELECTRIC EMISSION

PHOTOGRAMMETRY

- UF PHOTOCLINOMETRY
- GS PHOTOGRAPHIC MEASUREMENT
- PHOTOGRAMMETRY
- RT AERIAL PHOTOGRAPHY
- MAPPING
- PHOTOGEOLOGY
- PHOTORECONNAISSANCE
- PROJECTORS
- RELIEF MAPS
- STEREOPHOTOGRAPHY
- SURVEYS
- TERRAIN ANALYSIS

PHOTOGRAPHIC TRACKING

- GS TRACKING (POSITION)
- PHOTOGRAPHIC TRACKING
- RT CINETHOODLITES
- OPTICAL TRACKING
- PHOTOGRAPHY
- SATELLITE TRACKING
- SPACE DETECTION AND TRACKING SYSTEM

PHOTOGRAPHS

- GS PHOTOGRAPHS
- CLOUD PHOTOGRAPHS
- LUNAR PHOTOGRAPHS
- MARS PHOTOGRAPHS
- MICROPHOTOGRAPHS
- MOTION PICTURES
- PHOTOMICROGRAPHS
- RT DISPLAY DEVICES
- IMAGES
- MOZAICS
- OPTICAL CORRECTION PROCEDURE
- PHOTOGRAPHIC DEVELOPERS
- PHOTOGRAPHIC FILM
- PHOTOGRAPHIC PLATES
- PHOTOGRAPHIC PROCESSING
- PHOTOGRAPHIC RECORDING
- PHOTOGRAPHY
- PIXELS
- REPRESENTATIONS
- SPATIAL FILTERING
- VISUAL AIDS
- XEROGRAPHY

PHOTOGRAPHY

- GS PHOTOGRAPHY
- AERIAL PHOTOGRAPHY
- ALL SKY PHOTOGRAPHY
- ASTRONOMICAL PHOTOGRAPHY
- AUTORADIOGRAPHY
- BLACK AND WHITE PHOTOGRAPHY
- CHRONOPHOTOGRAPHY
- CINEMATOGRAPHY
- CLOUD PHOTOGRAPHY
- COLOR PHOTOGRAPHY
- ELECTRO-OPTICAL PHOTOGRAPHY
- ELECTRON PHOTOGRAPHY
- FRACTOGRAPHY
- FRAME PHOTOGRAPHY
- HIGH SPEED PHOTOGRAPHY
- HOLOGRAPHY
- ACOUSTICAL HOLOGRAPHY
- MICROWAVE HOLOGRAPHY
- SPECKLE HOLOGRAPHY
- WHITE LIGHT HOLOGRAPHY
- INFRARED IMAGERY
- LUNAR PHOTOGRAPHY
- METRIC PHOTOGRAPHY
- MICROWAVE PHOTOGRAPHY
- MULTISPECTRAL PHOTOGRAPHY
- INFRARED PHOTOGRAPHY
- COLOR INFRARED PHOTOGRAPHY
- RADAR PHOTOGRAPHY
- ORTHOPHOTOGRAPHY
- PHOTOMICROGRAPHY
- ROCKET-BORNE PHOTOGRAPHY
- SHADOWGRAPH PHOTOGRAPHY
- SCHLIEREN PHOTOGRAPHY
- SPACEBORNE PHOTOGRAPHY
- SATELLITE-BORNE PHOTOGRAPHY

PIONEER VENUS SPACECRAFT

PHOTOGRAPHY-(CONT.)

. SPECTROPHOTOGRAPHY
 . STEREOSCOPY
 . STEREOPHOTOGRAPHY
 . STREAK PHOTOGRAPHY
 . ULTRAVIOLET PHOTOGRAPHY
 . ULTRAVIOLET PHOTOMETRY
 . UNDERWATER PHOTOGRAPHY
 . UROGRAPHY
 RT BRIGHTNESS DISTRIBUTION
 BRIGHTNESS TEMPERATURE
 CAMERAS
 CLOUD PHOTOGRAPHS
 DARKROOMS
 EARTH OBSERVATIONS (FROM SPACE)
 EARTH RESOURCES
 EVAPOROGRAPHY
 EXPOSURE
 GRAPHIC ARTS
 HS-801 AIRCRAFT
 ICE MAPPING
 IMAGERY
 IMAGING TECHNIQUES
 LUNAR PHOTOGRAPHS
 MAPPING
 MARS PHOTOGRAPHS
 MICROPHOTOGRAPHS
 MULTISPECTRAL BAND CAMERAS
 MULTISPECTRAL BAND SCANNERS
 PANORAMIC CAMERAS
 PHOTOGRAPHIC DEVELOPERS
 PHOTOGRAPHIC EMULSIONS
 PHOTOGRAPHIC EQUIPMENT
 PHOTOGRAPHIC FILM
 PHOTOGRAPHIC MEASUREMENT
 PHOTOGRAPHIC PLATES
 PHOTOGRAPHIC PROCESSING
 PHOTOGRAPHIC PROCESSING
 EQUIPMENT
 PHOTOGRAPHIC RECORDING
 PHOTOGRAPHIC RECTIFIERS
 PHOTOGRAPHIC TRACKING
 PHOTOGRAPHS
 PHOTOINTERPRETATION
 PHOTOLITHOGRAPHY
 PHOTOMAPPING
 PHOTOMAPS
 PHOTOMASKS
 PHOTOMECHANICAL EFFECT
 PHOTORECONNAISSANCE
 PINHOLE CAMERAS
 PIXELS
 PROJECTORS
 RADIOGRAPHY
 RAPID BALLISTICS IDENTIFICATION
 REPRODUCTION (COPYING)
 TIMBER INVENTORY
 WAVE FRONT RECONSTRUCTION
 XEROGRAPHY

PHOTOMAPPING

GS MAPPING
 . PHOTOMAPPING
 RT AERIAL PHOTOGRAPHY
 COASTAL ZONE COLOR SCANNER
 COLOR PHOTOGRAPHY
 DMSP SATELLITES
 EARTH RESOURCES
 GEODESY
 GEOLOGY
 GNOMONIC PROJECTION
 HOLOGRAMMETRY
 ICE MAPPING
 MAPS
 OCEAN COLOR SCANNER
 PHOTOGEOLOGY
 PHOTOGRAPHY
 PHOTOINTERPRETATION
 ROCKET-BORNE PHOTOGRAPHY
 SATELLITE-BORNE PHOTOGRAPHY
 SOIL MAPPING
 SPACEBORNE PHOTOGRAPHY
 THEMATIC MAPPING
 THERMAL MAPPING
 TOPOGRAPHY

PHOTOMAPS

GS MAPS
 . PHOTOMAPS
 RT AERIAL PHOTOGRAPHY
 PHOTOGRAPHY
 RELIEF MAPS
 SATELLITE-BORNE PHOTOGRAPHY
 SPACEBORNE PHOTOGRAPHY
 THEMATIC MAPPING

PHOTOMETERS

UF MICROPHOTOMETERS
 PHOTODETECTORS
 GS MEASURING INSTRUMENTS
 . OPTICAL MEASURING INSTRUMENTS
 . PHOTOMETERS
 . . . ELECTROPHOTOMETERS
 . . . ULTRAVIOLET SPECTROMETERS
 . . . ULTRAVIOLET
 . . . SPECTROPHOTOMETERS
 . . . RADIATION MEASURING INSTRUMENTS
 . . . PHOTOMETERS
 . . . ELECTROPHOTOMETERS
 . . . ULTRAVIOLET SPECTROMETERS
 . . . ULTRAVIOLET
 . . . SPECTROPHOTOMETERS
 OPTICAL EQUIPMENT
 . OPTICAL MEASURING INSTRUMENTS
 . . PHOTOMETERS
 . . . ELECTROPHOTOMETERS
 . . . ULTRAVIOLET SPECTROMETERS
 . . . ULTRAVIOLET
 . . . SPECTROPHOTOMETERS
 RT BOLOMETERS
 DENSITOMETERS
 ELECTROPHOTOMETRY
 ELLIPSOMETERS
 HORIZON SCANNERS
 INFRARED SPECTROPHOTOMETERS
 MICRODENSITOMETERS
 NEPHELOMETERS
 OPTICAL MEASUREMENT
 PHOTOCONDUCTORS
 PHOTOELECTRIC CELLS
 PHOTOGRAPHIC EQUIPMENT
 PHOTOMETRY
 PHOTOTRANSISTORS
 POLARIMETERS
 PYRANOMETERS
 RADIOMETERS
 REFLECTOMETERS
 SPECTROMETERS
 SPECTROPHOTOMETERS
 TELEPHOTOMETRY
 TRANSMISSOMETERS
 ULTRAVIOLET DETECTORS

PHOTON DENSITY

GS RATES (PER TIME)
 . FLUX DENSITY
 . . PHOTON DENSITY
 RT SQUEEZED STATES (QUANTUM THEORY)

PHOTONS

GS PARTICLES
 . ELEMENTARY PARTICLES
 . . BOSONS
 . . . PHOTONS
 LIGHT BEAMS
 . . . NUCLEAR PARTICLES
 . . . BOSONS
 . . . PHOTONS
 RT ANNIHILATION REACTIONS
 COSMIC RAYS
 ELECTROMAGNETIC RADIATION
 GAMMA RAYS
 LIGHT (VISIBLE RADIATION)
 NUCLEAR RADIATION
 OPTICAL PROPERTIES
 PHOTON BEAMS
 PHOTONICS
 PHOTONUCLEAR REACTIONS
 PHOTOPRODUCTION
 PLANCKS CONSTANT
 QUANTUM THEORY
 ∞ RADIATION
 ROTONS

PHOTOSENSORS

USE RADIATION MEASURING INSTRUMENTS

PHOTOSPHERE

GS PHOTOSPHERE
 . SOLAR GRANULATION
 RT CHROMOSPHERE
 FACULAE
 SOLAR ATMOSPHERE
 SOLAR PHYSICS
 SPICULES
 STARSPOTS
 STELLAR ACTIVITY
 SUN
 SUNSPOTS

PINHOLE CAMERAS

GS OPTICAL EQUIPMENT
 . CAMERAS
 . . PINHOLE CAMERAS
 PHOTOGRAPHIC EQUIPMENT
 . CAMERAS
 . . PINHOLE CAMERAS
 RT APERTURES
 PHOTOGRAPHY
 PINHOLE OCCULTER FACILITY
 PINHOLES

PINHOLE OCCULTER FACILITY

GS OBSERVATORIES
 . SOLAR OBSERVATORIES
 . . PINHOLE OCCULTER FACILITY
 RT OCCULTATION
 PINHOLE CAMERAS
 PINHOLES
 SPACEBORNE ASTRONOMY

PIONEER F SPACE PROBE

USE PIONEER 10 SPACE PROBE

PIONEER G SPACE PROBE

USE PIONEER 11 SPACE PROBE

PIONEER PROJECT

GS PROGRAMS
 . NASA PROGRAMS
 . . NASA SPACE PROGRAMS
 . . . PIONEER PROJECT
 . . . PROJECTS
 . . . PIONEER PROJECT
 . . . SPACE PROGRAMS
 . . . NASA SPACE PROGRAMS
 . . . PIONEER PROJECT
 RT LUNAR PROBES
 PIONEER SPACE PROBES
 SPACE PROBES

PIONEER SATURN SPACECRAFT

USE PIONEER 11 SPACE PROBE

PIONEER SPACE PROBES

GS INTERPLANETARY SPACECRAFT
 . PIONEER SPACE PROBES
 . . PIONEER VENUS 2 ENTRY PROBES
 . . . PIONEER VENUS 2 NIGHT PROBE
 . . . PIONEER VENUS 2 SOUNDER
 . . . PROBE
 . . . PIONEER 1 SPACE PROBE
 . . . PIONEER 2 SPACE PROBE
 . . . PIONEER 3 SPACE PROBE
 . . . PIONEER 4 SPACE PROBE
 . . . PIONEER 5 SPACE PROBE
 . . . PIONEER 6 SPACE PROBE
 . . . PIONEER 7 SPACE PROBE
 . . . PIONEER 8 SPACE PROBE
 . . . PIONEER 9 SPACE PROBE
 . . . PIONEER 10 SPACE PROBE
 . . . PIONEER 11 SPACE PROBE
 UNMANNED SPACECRAFT
 . SPACE PROBES
 . . PIONEER SPACE PROBES
 . . . PIONEER VENUS 2 ENTRY PROBES
 PIONEER VENUS 2 NIGHT PROBE
 PIONEER VENUS 2 SOUNDER
 PROBE
 PIONEER 1 SPACE PROBE
 PIONEER 2 SPACE PROBE
 PIONEER 3 SPACE PROBE
 PIONEER 4 SPACE PROBE
 PIONEER 5 SPACE PROBE
 PIONEER 6 SPACE PROBE
 PIONEER 7 SPACE PROBE
 PIONEER 8 SPACE PROBE
 PIONEER 9 SPACE PROBE
 PIONEER 10 SPACE PROBE
 PIONEER 11 SPACE PROBE
 RT JUNO 2 LAUNCH VEHICLE
 PIONEER PROJECT
 PIONEER VENUS SPACECRAFT
 PIONEER VENUS 1 SPACECRAFT
 PIONEER VENUS 2 SPACECRAFT
 SOLAR PROBES

PIONEER VENUS ORBITER

USE PIONEER VENUS 1 SPACECRAFT

PIONEER VENUS SPACECRAFT

UF PIONEER 12 SPACE PROBE
 GS INTERPLANETARY SPACECRAFT
 . PIONEER VENUS SPACECRAFT
 . . PIONEER VENUS 1 SPACECRAFT

PIONEER VENUS 1 SPACECRAFT

PIONEER VENUS SPACECRAFT-(CONT.)

.. PIONEER VENUS 2 SPACECRAFT
 .. PIONEER VENUS 2 TRANSPORTER
 BUS
 UNMANNED SPACECRAFT
 .. PIONEER VENUS SPACECRAFT
 .. PIONEER VENUS 1 SPACECRAFT
 .. PIONEER VENUS 2 SPACECRAFT
 .. PIONEER VENUS 2 TRANSPORTER
 BUS
 RT PIONEER SPACE PROBES
 ∞ PROBES
 SPACE PROBES

PIONEER VENUS 1 SPACECRAFT

UF PIONEER VENUS ORBITER
 GS INTERPLANETARY SPACECRAFT
 .. PIONEER VENUS SPACECRAFT
 .. PIONEER VENUS 1 SPACECRAFT
 UNMANNED SPACECRAFT
 .. PIONEER VENUS SPACECRAFT
 .. PIONEER VENUS 1 SPACECRAFT
 RT PIONEER SPACE PROBES
 ∞ PROBES
 SPACE PROBES

PIONEER VENUS 2 MULTIPROBE SPACECRAFT
 USE PIONEER VENUS 2 SPACECRAFT

PIONEER VENUS 2 NIGHT PROBE

GS INTERPLANETARY SPACECRAFT
 .. PIONEER SPACE PROBES
 .. PIONEER VENUS 2 ENTRY PROBES
 .. PIONEER VENUS 2 NIGHT PROBE
 UNMANNED SPACECRAFT
 .. SPACE PROBES
 .. PIONEER SPACE PROBES
 .. PIONEER VENUS 2 ENTRY PROBES
 .. PIONEER VENUS 2 NIGHT PROBE
 RT ∞ PROBES

PIONEER VENUS 2 SOUNDER PROBE

GS INTERPLANETARY SPACECRAFT
 .. PIONEER SPACE PROBES
 .. PIONEER VENUS 2 ENTRY PROBES
 .. PIONEER VENUS 2 SOUNDER
 PROBE
 UNMANNED SPACECRAFT
 .. SPACE PROBES
 .. PIONEER SPACE PROBES
 .. PIONEER VENUS 2 ENTRY PROBES
 .. PIONEER VENUS 2 SOUNDER
 PROBE

PIONEER VENUS 2 SPACECRAFT

UF PIONEER VENUS 2 MULTIPROBE
 SPACECRAFT
 GS INTERPLANETARY SPACECRAFT
 .. PIONEER VENUS SPACECRAFT
 .. PIONEER VENUS 2 SPACECRAFT
 .. PIONEER VENUS 2 TRANSPORTER
 BUS
 .. VENUS PROBES
 .. PIONEER VENUS 2 SPACECRAFT
 .. PIONEER VENUS 2 TRANSPORTER
 BUS
 UNMANNED SPACECRAFT
 .. PIONEER VENUS SPACECRAFT
 .. PIONEER VENUS 2 SPACECRAFT
 .. PIONEER VENUS 2 TRANSPORTER
 BUS
 RT PIONEER SPACE PROBES
 ∞ PROBES
 ∞ SPACECRAFT

PIONEER VENUS 2 TRANSPORTER BUS

GS INTERPLANETARY SPACECRAFT
 .. PIONEER VENUS SPACECRAFT
 .. PIONEER VENUS 2 SPACECRAFT
 .. PIONEER VENUS 2 TRANSPORTER
 BUS
 .. VENUS PROBES
 .. PIONEER VENUS 2 SPACECRAFT
 .. PIONEER VENUS 2 TRANSPORTER
 BUS
 UNMANNED SPACECRAFT
 .. PIONEER VENUS SPACECRAFT
 .. PIONEER VENUS 2 SPACECRAFT
 .. PIONEER VENUS 2 TRANSPORTER
 BUS
 RT ∞ PROBES

PIONEER 1 SPACE PROBE

GS INTERPLANETARY SPACECRAFT
 .. PIONEER SPACE PROBES

PIONEER 1 SPACE PROBE-(CONT.)

.. PIONEER 1 SPACE PROBE
 UNMANNED SPACECRAFT
 .. SPACE PROBES
 .. PIONEER SPACE PROBES
 .. PIONEER 1 SPACE PROBE
 RT THOR ABLE ROCKET VEHICLE

PIONEER 2 SPACE PROBE

GS INTERPLANETARY SPACECRAFT
 .. PIONEER SPACE PROBES
 .. PIONEER 2 SPACE PROBE
 UNMANNED SPACECRAFT
 .. SPACE PROBES
 .. PIONEER SPACE PROBES
 .. PIONEER 2 SPACE PROBE

PIONEER 3 SPACE PROBE

GS INTERPLANETARY SPACECRAFT
 .. PIONEER SPACE PROBES
 .. PIONEER 3 SPACE PROBE
 UNMANNED SPACECRAFT
 .. SPACE PROBES
 .. PIONEER SPACE PROBES
 .. PIONEER 3 SPACE PROBE
 RT JUNO 2 LAUNCH VEHICLE

PIONEER 4 LUNAR PROBE

USE PIONEER 4 SPACE PROBE

PIONEER 4 SPACE PROBE

UF PIONEER 4 LUNAR PROBE
 GS INTERPLANETARY SPACECRAFT
 .. PIONEER SPACE PROBES
 .. PIONEER 4 SPACE PROBE
 UNMANNED SPACECRAFT
 .. SPACE PROBES
 .. PIONEER SPACE PROBES
 .. PIONEER 4 SPACE PROBE
 RT JUNO 2 LAUNCH VEHICLE

PIONEER 5 SPACE PROBE

GS INTERPLANETARY SPACECRAFT
 .. PIONEER SPACE PROBES
 .. PIONEER 5 SPACE PROBE
 UNMANNED SPACECRAFT
 .. SPACE PROBES
 .. PIONEER SPACE PROBES
 .. PIONEER 5 SPACE PROBE
 RT THOR ABLE ROCKET VEHICLE

PIONEER 6 SPACE PROBE

GS INTERPLANETARY SPACECRAFT
 .. PIONEER SPACE PROBES
 .. PIONEER 6 SPACE PROBE
 UNMANNED SPACECRAFT
 .. SPACE PROBES
 .. PIONEER SPACE PROBES
 .. PIONEER 6 SPACE PROBE
 RT DELTA LAUNCH VEHICLE
 JUNO 2 LAUNCH VEHICLE

PIONEER 7 SPACE PROBE

GS INTERPLANETARY SPACECRAFT
 .. PIONEER SPACE PROBES
 .. PIONEER 7 SPACE PROBE
 UNMANNED SPACECRAFT
 .. SPACE PROBES
 .. PIONEER SPACE PROBES
 .. PIONEER 7 SPACE PROBE
 RT DELTA LAUNCH VEHICLE
 JUNO 2 LAUNCH VEHICLE

PIONEER 8 SPACE PROBE

GS INTERPLANETARY SPACECRAFT
 .. PIONEER SPACE PROBES
 .. PIONEER 8 SPACE PROBE
 UNMANNED SPACECRAFT
 .. SPACE PROBES
 .. PIONEER SPACE PROBES
 .. PIONEER 8 SPACE PROBE
 RT JUNO 2 LAUNCH VEHICLE
 ∞ PROBES

PIONEER 9 SPACE PROBE

GS INTERPLANETARY SPACECRAFT
 .. PIONEER SPACE PROBES
 .. PIONEER 9 SPACE PROBE
 UNMANNED SPACECRAFT
 .. SPACE PROBES
 .. PIONEER SPACE PROBES
 .. PIONEER 9 SPACE PROBE
 RT ∞ PROBES

PIONEER 10 SPACE PROBE

UF PIONEER F SPACE PROBE
 GS INTERPLANETARY SPACECRAFT
 .. PIONEER SPACE PROBES
 .. PIONEER 10 SPACE PROBE
 UNMANNED SPACECRAFT
 .. SPACE PROBES
 .. PIONEER SPACE PROBES
 .. PIONEER 10 SPACE PROBE
 RT ∞ PROBES

PIONEER 11 SPACE PROBE

UF PIONEER G SPACE PROBE
 GS PIONEER SATURN SPACECRAFT
 INTERPLANETARY SPACECRAFT
 .. PIONEER SPACE PROBES
 .. PIONEER 11 SPACE PROBE
 UNMANNED SPACECRAFT
 .. SPACE PROBES
 .. PIONEER SPACE PROBES
 .. PIONEER 11 SPACE PROBE
 RT ∞ PROBES

PIONEER 12 SPACE PROBE

USE PIONEER VENUS SPACECRAFT

PLAGES (FACULAE)

USE FACULAE

PLAINS

GS LAND
 .. PLAINS
 .. COASTAL PLAINS
 .. FLOOD PLAINS
 .. LLANOS ORIENTALES (COLOMBIA)
 .. PAMPAS
 .. PENEPLAINS
 .. PLAYAS
 .. TUNDRA
 RT FARMLANDS
 FLATS (LANDFORMS)
 GEOGRAPHY
 GRASSLANDS
 GREAT PLAINS CORRIDOR (NORTH
 AMERICA)
 LANDFORMS
 PLATEAUS
 STEPPES
 TOPOGRAPHY
 WILDERNESS

PLANET EPHEMERIDES

GS EPHEMERIDES
 RT PLANET EPHEMERIDES
 GEOCENTRIC COORDINATES
 PLANETS

PLANET ORIGINS

USE PLANETARY EVOLUTION

PLANETARIUMS

RT ASTRONOMICAL MODELS
 DISPLAY DEVICES

PLANETARY ATMOSPHERES

SN (EXCLUDES EARTH ATMOSPHERE)
 GS ENVIRONMENTS
 .. EXTRATERRESTRIAL ENVIRONMENTS
 .. PLANETARY ENVIRONMENTS
 .. PLANETARY ATMOSPHERES
 .. HELIUM HYDROGEN
 ATMOSPHERES
 .. JUPITER ATMOSPHERE
 .. MARS ATMOSPHERE
 .. MERCURY ATMOSPHERE
 .. NEPTUNE ATMOSPHERE
 .. PLANETARY IONOSPHERES
 .. PLUTO ATMOSPHERE
 .. SATURN ATMOSPHERE
 .. URANUS ATMOSPHERE
 .. VENUS ATMOSPHERE
 .. VENUS CLOUDS
 RT ∞ ABSORPTION
 ∞ ATMOSPHERES
 ATMOSPHERIC ATTENUATION
 ATMOSPHERIC COMPOSITION
 ATMOSPHERIC DENSITY
 ATMOSPHERIC TEMPERATURE
 EARTH ATMOSPHERE
 IONOPAUSE
 LUNAR ATMOSPHERE
 NONGRAY ATMOSPHERES
 ORGANIC SOLIDS
 PLANETARY METEOROLOGY
 PLANETARY RINGS

PLANETARY RINGS

PLANETARY ATMOSPHERES-(CONT.)

PRIMITIVE EARTH ATMOSPHERE
RADIATIVE TRANSFER
RADIO OCCULTATION
SATELLITE ATMOSPHERES
SATURN RINGS
SOLAR PLANETARY INTERACTIONS

PLANETARY BASES

RT EXTRATERRESTRIAL RESOURCES
SPACE EXPLORATION
STATIONS

PLANETARY COMPOSITION

GS COMPOSITION (PROPERTY)
PLANETARY COMPOSITION
RT EARTH PLANETARY STRUCTURE
GAS GIANT PLANETS
JUPITER RINGS
SATURN RINGS
SPACE EXPLORATION
STRUCTURAL PROPERTIES (GEOLOGY)

PLANETARY CORES

GS CORES
PLANETARY CORES
EARTH CORE
RT LUNAR CORE
PLANETS
STELLAR CORES

PLANETARY CRATERS

GS CRATERS
PLANETARY CRATERS
MARS CRATERS
RT EARTH (PLANET)
IMPACT DAMAGE
MARS (PLANET)
MARS SURFACE
MERCURY (PLANET)
MERCURY SURFACE
METEORITE CRATERS
PLANETARY GEOLOGY
PLANETS
VENUS (PLANET)
VENUS SURFACE

PLANETARY CRUSTS

GS CRUSTS
PLANETARY CRUSTS
EARTH CRUST
RT LUNAR CRUST
PLANETARY GEOLOGY
PLANETARY MANTLES

PLANETARY ENTRY

USE ATMOSPHERIC ENTRY

PLANETARY ENVIRONMENTS

SN (EXCLUDES EARTH)
GS ENVIRONMENTS
EXTRATERRESTRIAL ENVIRONMENTS
PLANETARY ENVIRONMENTS
MARS ENVIRONMENT
MARS ATMOSPHERE
PLANETARY ATMOSPHERES
HELIUM HYDROGEN
ATMOSPHERES
JUPITER ATMOSPHERE
MARS ATMOSPHERE
MERCURY ATMOSPHERE
NEPTUNE ATMOSPHERE
PLANETARY IONOSPHERES
PLUTO ATMOSPHERE
SATURN ATMOSPHERE
URANUS ATMOSPHERE
VENUS ATMOSPHERE
VENUS CLOUDS
PLANETARY MAGNETOSPHERES
RT AEROSPACE ENVIRONMENTS
BIOASTRONAUTICS
EXOBIOLGY
LIFE SUPPORT SYSTEMS
LONG DURATION SPACE FLIGHT
LUNAR ENVIRONMENT
PLANETS
PROTOPLANETS
TERRESTRIAL PLANETS
THERMAL ENVIRONMENTS

PLANETARY EVOLUTION

UF PLANET ORIGINS
GS EVOLUTION (DEVELOPMENT)
PLANETARY EVOLUTION
RT COSMOLOGY

PLANETARY EVOLUTION-(CONT.)

PLANETARY GEOLOGY
PROTOPLANETS
STELLAR EVOLUTION

PLANETARY EXPLORATION

USE SPACE EXPLORATION

PLANETARY EXPLORER

USE OUTER PLANETS EXPLORERS

PLANETARY GEOLOGY

GS PLANETARY GEOLOGY
MARS VOLCANOES
RT LUNAR GEOLOGY
PLANETARY CRATERS
PLANETARY CRUSTS
PLANETARY EVOLUTION
PLANETARY STRUCTURE
PLANETARY SURFACES
PLANETOLOGY
PLANETS
REMOTE SENSING
SOLAR SYSTEM
SPACE EXPLORATION

PLANETARY GRAVITATION

GS GRAVITATION
PLANETARY GRAVITATION
RT ESCAPE VELOCITY
LUNAR GRAVITATION

PLANETARY IONOSPHERES

SN (EXCLUDES EARTH IONOSPHERE)
GS ENVIRONMENTS
EXTRATERRESTRIAL ENVIRONMENTS
PLANETARY ENVIRONMENTS
PLANETARY ATMOSPHERES
PLANETARY IONOSPHERES
RT ATMOSPHERES
IONOSPHERES
JUPITER ATMOSPHERE
MAGNETOSPHERE-IONOSPHERE
COUPLING
MARS ATMOSPHERE
NEPTUNE ATMOSPHERE
SATURN ATMOSPHERE
URANUS ATMOSPHERE
VENUS ATMOSPHERE

PLANETARY LANDING

SN (EXCLUDES LANDING ON THE PLANET
EARTH)
GS LANDING
SPACECRAFT LANDING
PLANETARY LANDING
RT CRASH LANDING
GLIDE LANDINGS
HARD LANDING
HORIZONTAL SPACECRAFT LANDING
INTERPLANETARY FLIGHT
LUNAR LANDING
MARS LANDING
ORBITAL MECHANICS
ROVING VEHICLES
SOFT LANDING
WATER LANDING

PLANETARY LIMB

RT EARTH LIMB
LIMBS
LUNAR LIMB
SOLAR LIMB

PLANETARY MAGNETIC FIELDS

GS MAGNETIC FIELDS
PLANETARY MAGNETIC FIELDS
RT GEOMAGNETIC TAIL
GEOMAGNETISM
PLANETARY MAGNETOSPHERES
POLAR CUSPS
SOLAR PLANETARY INTERACTIONS

PLANETARY MAGNETOSPHERES

GS ENVIRONMENTS
EXTRATERRESTRIAL ENVIRONMENTS
PLANETARY ENVIRONMENTS
PLANETARY MAGNETOSPHERES
RT EARTH MAGNETOSPHERE
MAGNETOSPHERES
PLANETARY MAGNETIC FIELDS
SOLAR PLANETARY INTERACTIONS

PLANETARY MANTLES

GS PLANETARY MANTLES
EARTH MANTLE
RT CRUSTS
LITHOSPHERE
LUNAR MANTLE
PLANETARY CRUSTS

PLANETARY MAPPING

GS MAPPING
PLANETARY MAPPING
RT ASTROGRAPHY
HEAT CAPACITY MAPPING MISSION
THERMAL MAPPING

PLANETARY MASS

GS MASS
PLANETARY MASS
RT PROTOPLANETS

PLANETARY METEOROLOGY

GS METEOROLOGY
PLANETARY METEOROLOGY
RT ATMOSPHERIC CIRCULATION
ATMOSPHERIC PHYSICS
JUPITER ATMOSPHERE
MARS ATMOSPHERE
MERCURY ATMOSPHERE
PLANETARY ATMOSPHERES
PLANETOLOGY
PLANETS
VENUS ATMOSPHERE

PLANETARY MOTION

USE SOLAR ORBITS

PLANETARY NEBULAE

GS CELESTIAL BODIES
NEBULAE
PLANETARY NEBULAE
RT ORION NEBULA

PLANETARY ORBITS

GS ORBITS
PLANETARY ORBITS
RT AMOR ASTEROID
APOLLO ASTEROIDS
CHARON
CIRCULAR ORBITS
EARTH ORBITS
ELLIPTICAL ORBITS
EQUATORIAL ORBITS
INTERPLANETARY TRAJECTORIES
ORBITAL RESONANCES (CELESTIAL
MECHANICS)
PARKING ORBITS
POLAR ORBITS
SATELLITE ORBITS
SPACECRAFT ORBITS
SWINGBY TECHNIQUE
TRANSFER ORBITS
TWENTY-FOUR HOUR ORBITS
VIKING ORBITER SPACECRAFT

PLANETARY QUAKES

RT EARTHQUAKES
GEODYNAMICS
MOONQUAKES
SEISMIC WAVES
SHOCK WAVES

PLANETARY RADIATION

SN (EXCLUDES TERRESTRIAL RADIATION)
GS ELECTROMAGNETIC RADIATION
PLANETARY RADIATION
EXTRATERRESTRIAL RADIATION
PLANETARY RADIATION
RT ALBEDO
DECIMETER WAVES
INFRARED RADIATION
LIGHT (VISIBLE RADIATION)
RADIATION
RADIO WAVES
SATURN ATMOSPHERE
TERRESTRIAL RADIATION
THERMAL RADIATION
VLF EMISSION RECORDERS

PLANETARY RINGS

GS CELESTIAL BODIES
PLANETARY RINGS
JUPITER RINGS
SATURN RINGS
URANUS RINGS

PLANETARY ROTATION

PLANETARY RINGS-(CONT.)

RT PLANETARY ATMOSPHERES
PLANETS
∞ RINGS

PLANETARY ROTATION

GS GYRATION
ROTATION
PLANETARY ROTATION
RT ASTROPHYSICS
PLANETOLOGY
ROTATING BODIES
STELLAR ROTATION

PLANETARY SATELLITES

USE NATURAL SATELLITES

PLANETARY SPACE FLIGHT

USE INTERPLANETARY FLIGHT

PLANETARY SPACECRAFT

USE INTERPLANETARY SPACECRAFT

PLANETARY STRUCTURE

RT CHEMICAL COMPOSITION
EARTH PLANETARY STRUCTURE
JUPITER RINGS
LUNAR MANTLE
PLANETARY GEOLOGY
PLANETOLOGY
URANUS RINGS

PLANETARY SURFACES

GS PLANETARY SURFACES
MARS SURFACE
MERCURY SURFACE
VENUS SURFACE
RT EARTH SURFACE
JUPITER RED SPOT
PLANETARY GEOLOGY
ROVING VEHICLES
SATURN RINGS
SURFACE PROPERTIES
∞ SURFACES
TOPOGRAPHY

PLANETARY SYSTEMS

GS PLANETARY SYSTEMS
SOLAR SYSTEM
RT EXTRASOLAR PLANETS
ORBITAL RESONANCES (CELESTIAL MECHANICS)
∞ SYSTEMS

PLANETARY TEMPERATURE

GS TEMPERATURE
PLANETARY TEMPERATURE
RT ATMOSPHERIC TEMPERATURE
SATURN RINGS

PLANETESIMALS

USE PROTOPLANETS

PLANETOCENTRIC COORDINATES

GS COORDINATES
PLANETOCENTRIC COORDINATES
GEOCENTRIC COORDINATES
RT ASTRONOMICAL COORDINATES
CELESTIAL REFERENCE SYSTEMS
SPHERICAL COORDINATES

PLANETOLOGY

RT JUPITER RINGS
PLANETARY GEOLOGY
PLANETARY METEOROLOGY
PLANETARY ROTATION
PLANETARY STRUCTURE
SATURN RINGS
TERRESTRIAL PLANETS

PLANETS

GS CELESTIAL BODIES
PLANETS
EXTRASOLAR PLANETS
GAS GIANT PLANETS
JUPITER (PLANET)
NEPTUNE (PLANET)
SATURN (PLANET)
URANUS (PLANET)
PLUTO (PLANET)
TERRESTRIAL PLANETS
EARTH (PLANET)
MARS (PLANET)
MERCURY (PLANET)

PLANETS-(CONT.)

RT VENUS (PLANET)
CELESTIAL MECHANICS
CHIRON
ECLIPTIC
JUPITER RED SPOT
NATURAL SATELLITES
PLANET EPHEMERIDES
PLANETARY CORES
PLANETARY CRATERS
PLANETARY ENVIRONMENTS
PLANETARY GEOLOGY
PLANETARY METEOROLOGY
PLANETARY RINGS
PROTOPLANETS
SATURN RINGS
SOLAR SYSTEM
SUN

PLANISPHERES

GS MAPS
ASTRONOMICAL MAPS
PLANISPHERES
RT ASTRONOMICAL COORDINATES
CELESTIAL SPHERE
CONSTELLATIONS
POLAR COORDINATES

PLASMA ACCELERATION

UF MAGNETOHYDRODYNAMIC
ACCELERATION
GS RATES (PER TIME)
ACCELERATION (PHYSICS)
PLASMA ACCELERATION
RT ∞ ACCELERATION
PARTICLE ACCELERATION
PLASMAS (PHYSICS)
WAVE PROPAGATION

PLASMA ARCS

USE PLASMA JETS

PLASMA CLOUDS

GS PARTICLES
CHARGED PARTICLES
PLASMA CLOUDS
MAGNETIC CLOUDS
RT CHEMICAL CLOUDS
∞ CLOUDS
COSMIC PLASMA
EARTH MAGNETOSPHERE
GEOMAGNETIC HOLLOW
HYDROGEN CLOUDS
INTERPLANETARY MEDIUM
ION SHEATHS
PLASMAPAUSE
PLASMAS (PHYSICS)

PLASMA DISCHARGES

USE PLASMA JETS

PLASMA JETS

UF PLASMA ARCS
PLASMA DISCHARGES
GS PARTICLES
CHARGED PARTICLES
PLASMA JETS
RADIO JETS (ASTRONOMY)
RT ∞ ARCS
CROSSED FIELD GUNS
DROP TRANSFER
ELECTRON BEAMS
ELECTRON BOMBARDMENT
FLUID JETS
ION INJECTION
∞ JETS
LOW DENSITY WIND TUNNELS
MAGNETIC LENSES
PLASMA TORCHES
PLASMAS (PHYSICS)
PLASMATRONS
PULSE DIFFRACTION
RELATIVISTIC ELECTRON BEAMS
RELATIVISTIC PLASMAS
TOROIDAL DISCHARGE
VAPOR JETS

PLASMAPAUSE

SN (LIMITED TO EARTH'S ATMOSPHERE)
RT COSMIC PLASMA
EARTH MAGNETOSPHERE
IONOPAUSE
PLASMA CLOUDS
PLASMA OSCILLATIONS
PLASMA PHYSICS

PLASMAPAUSE-(CONT.)

PLASMAS (PHYSICS)
SOLAR WIND

PLASMAS (PHYSICS)

SN (LIMITED TO COMPLETELY IONIZED MATTER; FOR PARTIALLY IONIZED GASES SEE IONIZED GASES)
UF ELECTROSTATIC PLASMA
IONIZED PLASMAS
MAGNETOIONIC PLASMA
MAGNETOPLASMAS
PLASMOIDS
GS PARTICLES
CHARGED PARTICLES
ENERGETIC PARTICLES
PLASMAS (PHYSICS)
ARGON PLASMA
BETA PARTICLES
BOUNDARY LAYER PLASMAS
COLD PLASMAS
COLLISIONAL PLASMAS
STRONGLY COUPLED PLASMAS
COLLISIONLESS PLASMAS
COSMIC PLASMA
CYLINDRICAL PLASMAS
DENSE PLASMAS
PLASMA FOCUS
STRONGLY COUPLED PLASMAS
ELECTRON PLASMA
ELLIPTICAL PLASMAS
HELIUM PLASMA
HIGH TEMPERATURE PLASMAS
HYDROGEN PLASMA
DEUTERIUM PLASMA
LASER PLASMAS
METALLIC PLASMAS
CESIUM PLASMA
MICROPLASMAS
NITROGEN PLASMA
NONEQUILIBRIUM PLASMAS
NONUNIFORM PLASMAS
OXYGEN PLASMA
RAREFIED PLASMAS
RELATIVISTIC PLASMAS
ROTATING PLASMAS
SEMICONDUCTOR PLASMAS
SPACE PLASMAS
SOLAR WIND
STELLAR WINDS
SPHERICAL PLASMAS
THERMAL PLASMAS
TOROIDAL PLASMAS
RT ALPHA PLASMA DEVICES
BEAM PLASMA AMPLIFIERS
BLACKOUT (PROPAGATION)
CHEMICAL ELEMENTS
COMBUSTION PHYSICS
CORE FLOW
CYCLOPS PLASMA ACCELERATOR
DEBYE LENGTH
DEUTERON IRRADIATION
DEUTERONS
DUOPLASMATRONS
ELECTRIC ARCS
ELECTRON ENERGY
GASES
HIGH TEMPERATURE FLUIDS
IONIZED GASES
IONS
KELVIN-HELMHOLTZ INSTABILITY
LANDAU FACTOR
LASER FUSION
LASER PLASMA INTERACTIONS
LIGHT IONS
LIOUVILLE EQUATIONS
LOW DENSITY RESEARCH
MAGNETIC COMPRESSION
MAGNETOHYDRODYNAMIC FLOW
MAGNETOHYDRODYNAMIC STABILITY
MAGNETOHYDRODYNAMICS
MAGNETOIONICS
MICROWAVE PLASMA PROBES
ONSAGER PHENOMENOLOGICAL COEFFICIENT
∞ PHYSICS
PLASMA ACCELERATION
PLASMA ACCELERATORS
PLASMA ARC CUTTING
PLASMA ARC WELDING
PLASMA CHEMISTRY
PLASMA CLOUDS
PLASMA COMPOSITION
PLASMA COMPRESSION
PLASMA CONDUCTIVITY
PLASMA CONTROL

PLASMAS (PHYSICS)-(CONT.)

PLASMA COOLING
 PLASMA CORE REACTORS
 PLASMA CURRENTS
 PLASMA CYLINDERS
 PLASMA DECAY
 PLASMA DENSITY
 PLASMA DIAGNOSTICS
 PLASMA DIFFUSION
 PLASMA DIODES
 PLASMA DISPLAY DEVICES
 PLASMA DRIFT
 PLASMA DYNAMICS
 PLASMA ENGINES
 PLASMA EQUILIBRIUM
 PLASMA ETCHING
 PLASMA FLUX MEASUREMENT
 PLASMA FREQUENCIES
 PLASMA GENERATORS
 PLASMA GUNS
 PLASMA HEATING
 PLASMA INTERACTION EXPERIMENT
 PLASMA INTERACTIONS
 PLASMA JET SYNTHESIS
 PLASMA JET WIND TUNNELS
 PLASMA JETS
 PLASMA LAYERS
 PLASMA LIFETIME
 PLASMA LOSS
 PLASMA OSCILLATIONS
 PLASMA PHYSICS
 PLASMA PINCH
 PLASMA POTENTIALS
 PLASMA POWER SOURCES
 PLASMA PRESSURE
 PLASMA PROBES
 PLASMA PROPULSION
 PLASMA PUMPING
 PLASMA RADIATION
 PLASMA RESONANCE
 PLASMA SHEATHS
 PLASMA SLABS
 PLASMA SPECTRA
 PLASMA SPRAYING
 PLASMA TEMPERATURE
 PLASMA TORCHES
 PLASMA TURBULENCE
 PLASMA WAVES
 PLASMA-ELECTROMAGNETIC INTERACTION
 PLASMA-PARTICLE INTERACTIONS
 PLASMA DYNAMIC LASERS
 PLASMA GUIDES
 PLASMA PAUSE
 PLASMA SPHERE
 PLASMA TRONS
 RADIATION BELTS
 RAREFIED GAS DYNAMICS
 SCYLLA
 SOLAR PHYSICS
 SPACE CHARGE
 SPINX
 STELLAR MAGNETIC FIELDS
 TEARING MODES (PLASMAS)
 THERMAL DISSOCIATION
 THERMODYNAMICS
 THERMONUCLEAR REACTIONS
 TWO STAGE PLASMA ENGINES

PLASMASPHERE

RT ATMOSPHERIC IONIZATION
 CHEMOSPHERE
 EARTH ATMOSPHERE
 EARTH MAGNETOSPHERE
 OPEN PROJECT
 PLASMAS (PHYSICS)
 UPPER ATMOSPHERE

PLASMOIDS

USE PLASMAS (PHYSICS)

PLEIADES CLUSTER

GS CELESTIAL BODIES
 . STAR CLUSTERS
 . OPEN CLUSTERS
 . PLEIADES CLUSTER
 RT ✕ CLUSTERS
 TAURUS CONSTELLATION

PLUTO (PLANET)

GS CELESTIAL BODIES
 . PLANETS
 . PLUTO (PLANET)
 RT CHARON
 PLUTO ATMOSPHERE

PLUTO ATMOSPHERE

GS ENVIRONMENTS
 . EXTRATERRESTRIAL ENVIRONMENTS
 . PLANETARY ENVIRONMENTS
 . PLANETARY ATMOSPHERES
 . PLUTO ATMOSPHERE
 RT PLUTO (PLANET)

POINT SOURCES

GS RADIATION SOURCES
 . POINT SOURCES
 RT DIFFUSE RADIATION
 ✕ ENERGY SOURCES
 HUYGENS PRINCIPLE
 LIGHT SOURCES
 SPHERICAL WAVES

POLAR AURORAS

USE AURORAS

POLAR CAP ABSORPTION

GS ENERGY ABSORPTION
 . RADIATION ABSORPTION
 . ELECTROMAGNETIC ABSORPTION
 . POLAR CAP ABSORPTION
 . THERMAL ABSORPTION
 RT ✕ ABSORPTION
 . POLAR CAP ABSORPTION

POLAR CAPS

RT ANTARCTIC REGIONS
 ARCTIC REGIONS
 ✕ CAPS
 EARTH (PLANET)
 ICE
 MARS (PLANET)

POLAR CUSPS

RT AERONOMY
 ✕ CUSPS
 EARTH MAGNETOSPHERE
 GEOMAGNETIC LATITUDE
 GEOMAGNETIC TAIL
 GEOMAGNETISM
 GEOPHYSICS
 INTERPLANETARY SPACE
 LINES OF FORCE
 MAGNETIC FIELD CONFIGURATIONS
 MAGNETIC FIELDS
 MAGNETOPAUSE
 PLANETARY MAGNETIC FIELDS
 POLAR REGIONS
 SPACE PLASMAS

POLAR REGIONS

UF HIGH LATITUDES
 GS REGIONS
 . POLAR REGIONS
 . ANTARCTIC REGIONS
 . MCMURDO SOUND
 . ROSS ICE SHELF
 . ARCTIC REGIONS
 RT AURORAL ZONES
 CLIMATOLOGY
 GEOGRAPHY
 PERMAFROST
 POLAR CUSPS
 TEMPERATE REGIONS
 TIMBERLINE

POLARIMETERS

UF SPECTROPOLARIMETERS
 GS MEASURING INSTRUMENTS
 . OPTICAL MEASURING INSTRUMENTS
 . POLARIMETERS
 . OPTICAL EQUIPMENT
 . OPTICAL MEASURING INSTRUMENTS
 RT POLARIMETERS
 CHEMICAL ANALYSIS
 ELLIPSOMETERS
 OPTICAL MEASUREMENT
 PHOTOMETERS
 POLARIMETRY
 POLARISCOPES
 POLARIZERS
 POLAROGRAPHY
 SOLAR MAXIMUM MISSION

POLARIMETRY

GS OPTICAL MEASUREMENT
 . POLARIMETRY
 RT OPTICAL ACTIVITY
 OPTICAL MEASURING INSTRUMENTS
 PHOTOMETRY
 POLARIMETERS

POLARIMETRY-(CONT.)

POLARIZATION (WAVES)

∞ POLARIZATION

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
 RT ANTIFERROELECTRICITY
 BIPOLARITY
 LINEAR POLARIZATION
 MAGNETIZATION
 OVERHAUSER EFFECT
 PHOTOELASTIC ANALYSIS
 POLARIZATION (CHARGE SEPARATION)
 POLARIZATION (SPIN ALIGNMENT)
 POLARIZATION (WAVES)
 POLARIZED RADIATION

POLARIZED ELECTROMAGNETIC RADIATION

GS ELECTROMAGNETIC RADIATION
 . POLARIZED ELECTROMAGNETIC RADIATION
 . POLARIZED LIGHT
 . SYNCHROTRON RADIATION
 . POLARIZED RADIATION
 . POLARIZED ELECTROMAGNETIC RADIATION
 . POLARIZED LIGHT
 . SYNCHROTRON RADIATION
 RT CROSS POLARIZATION
 EXTRATERRESTRIAL RADIATION
 FARADAY EFFECT
 INFRARED RADIATION
 KERR CELLS
 LIGHT (VISIBLE RADIATION)
 LINEAR POLARIZATION
 LYMAN ALPHA RADIATION
 LYMAN BETA RADIATION
 MAGNETO-OPTICS
 MONOCHROMATIC RADIATION
 POLARIZATION (WAVES)
 POLARIZERS
 ✕ RADIATION
 RADIATIVE TRANSFER
 RADIO WAVES
 STELLAR RADIATION
 ULTRAVIOLET RADIATION

POLARIZED LIGHT

GS ELECTROMAGNETIC RADIATION
 . LIGHT (VISIBLE RADIATION)
 . POLARIZED LIGHT
 . POLARIZED ELECTROMAGNETIC RADIATION
 . POLARIZED LIGHT
 . POLARIZED RADIATION
 . POLARIZED ELECTROMAGNETIC RADIATION
 RT POLARIZED LIGHT
 GEGENSCHN
 KERR MAGNETOOPTICAL EFFECT
 MONOCHROMATIC RADIATION
 OPTICAL ACTIVITY
 OPTICAL DEPOLARIZATION
 OPTICAL POLARIZATION
 PHOTOELASTICITY
 ZODIACAL LIGHT

POLARIZED RADIATION

GS POLARIZED RADIATION
 . POLARIZED ELASTIC WAVES
 . POLARIZED ELECTROMAGNETIC RADIATION
 . POLARIZED LIGHT
 . SYNCHROTRON RADIATION
 RT CAUSTICS (OPTICS)
 ELASTIC WAVES
 ELECTROMAGNETIC RADIATION
 EXTRATERRESTRIAL RADIATION
 LINEAR POLARIZATION
 PLASMA RADIATION
 ✕ POLARIZATION
 POLARIZATION CHARACTERISTICS
 ✕ RADIATION
 ✕ RAYS

✕ POSITION

SN *(USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)*
 RT ATTITUDE (INCLINATION)
 POSITION (LOCATION)
 POSITION (TITLE)

POSITION (LOCATION)

POSITION (LOCATION)
 UF LOCALIZATION
 LOCATION
 GS **POSITION (LOCATION)**
 . SOLAR POSITION
 RT ALTITUDE
 ASTROLABES
 AZIMUTH
 BEARING (DIRECTION)
 COLLATING
 COLLOCATION
 COORDINATES
 DETECTION
 DISTANCE
 EPHEMERIDES
 EXPOSURE
 ∞ FIXING
 GEOMETRY
 LATITUDE
 LONGITUDE
 MISALIGNMENT
 NAVIGATION
 ORBITAL POSITION ESTIMATION
 ∞ ORIENTATION
 ∞ POINTS
 POSITION ERRORS
 POSITION SENSING
 POSITIONING
 RADAR BEACONS
 SITES
 SOUND RANGING
 SPATIAL DISTRIBUTION
 SPHERICAL COORDINATES
 STATIONS
 SURVEYS
 TRACKING (POSITION)
POWER DENSITY (ELECTROMAGNETIC)
 USE RADIANT FLUX DENSITY
POYNTING-ROBERTSON EFFECT
 RT ∞ EFFECTS
 MICROMETEORIDS
 ORBITAL MECHANICS
 RADIATION EFFECTS
 ZODIACAL DUST
 ZODIACAL LIGHT
PRAESEPE STAR CLUSTERS
 GS CELESTIAL BODIES
 . STAR CLUSTERS
 . OPEN CLUSTERS
 . PRAESEPE STAR CLUSTERS
 . STARS
 . PRAESEPE STAR CLUSTERS
 RT ∞ CLUSTERS
PRE-MAIN SEQUENCE STARS
 GS CELESTIAL BODIES
 . STARS
 . PROTOSTARS
 . PRE-MAIN SEQUENCE STARS
 . . . T TAURI STARS
 RT MAIN SEQUENCE STARS
 STAR FORMATION
 STELLAR EVOLUTION
PRECESSION
 GS GYRATION
 . PRECESSION
 . LARMOR PRECESSION
 . PROTON PRECESSION
 . QUENCHING (ATOMIC PHYSICS)
 RT EARTH ORIENTATION
 GYROSCOPES
 GYROSCOPIC STABILITY
 LARMOR RADIUS
 LIBRATION
 MUON SPIN ROTATION
 NUTATION
 POLAR WANDERING (GEOLOGY)
 ROTATION
 VORTEX PRECESSION
PRIBRAM METEORITE
 GS CELESTIAL BODIES
 . METEORITES
 . STONY METEORITES
 . CHONDRITES
 . . . PRIBRAM METEORITE
 RT BOLIDES
 METEOR TRAILS
PRIMARY COSMIC RAYS
 UF HEAVY COSMIC RAY PRIMARIES

PRIMARY COSMIC RAYS-(CONT.)
 GS EXTRATERRESTRIAL RADIATION
 . PRIMARY COSMIC RAYS
 . . SOLAR COSMIC RAYS
 . IONIZING RADIATION
 . COSMIC RAYS
 . . PRIMARY COSMIC RAYS
 . . . SOLAR COSMIC RAYS
 . PARTICLES
 . CORPUSCULAR RADIATION
 . . PRIMARY COSMIC RAYS
 . . . SOLAR COSMIC RAYS
 RT COSMIC RAY ALBEDO
 HEAVY NUCLEI
 SECONDARY COSMIC RAYS
PRIMITIVE EARTH ATMOSPHERE
 GS EARTH ATMOSPHERE
 . PRIMITIVE EARTH ATMOSPHERE
 RT ∞ ATMOSPHERES
 ATMOSPHERIC COMPOSITION
 ATMOSPHERIC ELECTRICITY
 ATMOSPHERIC MODELS
 EARTH PLANETARY STRUCTURE
 FREE ATMOSPHERE
 PLANETARY ATMOSPHERES
PROJECT SETI
 UF SEARCH FOR EXTRATERRESTRIAL
 INTELLIGENCE
 GS SETI
 PROGRAMS
 . NASA PROGRAMS
 . . NASA SPACE PROGRAMS
 . . . PROJECT SETI
 . . . PROJECTS
 . . . PROJECT SETI
 . . . SPACE PROGRAMS
 . . . NASA SPACE PROGRAMS
 . . . PROJECT SETI
 RT EXTRATERRESTRIAL INTELLIGENCE
 RADIO COMMUNICATION
 RADIO SIGNALS
PROMINENCES
 GS PROMINENCES
 . SOLAR PROMINENCES
 RT SOLAR ACTIVITY
PROPAGATION VELOCITY
 GS RATES (PER TIME)
 . PROPAGATION VELOCITY
 VELOCITY
 . PROPAGATION VELOCITY
 RT ELECTROMAGNETIC RADIATION
 GROUP VELOCITY
 PHASE VELOCITY
 PROPAGATION MODES
 WAVE PROPAGATION
PROPORTIONAL COUNTERS
 GS IONIZATION CHAMBERS
 . PROPORTIONAL COUNTERS
 MEASURING INSTRUMENTS
 . COUNTERS
 . . RADIATION COUNTERS
 . . . PROPORTIONAL COUNTERS
 . . . RADIATION MEASURING INSTRUMENTS
 . . . RADIATION COUNTERS
 . . . PROPORTIONAL COUNTERS
 RT DOSIMETERS
 GEIGER COUNTERS
 NEUTRON COUNTERS
PROSPECTING
 USE EXPLORATION
PROTON BELTS
 GS PARTICLES
 . CHARGED PARTICLES
 . . MAGNETICALLY TRAPPED PARTICLES
 . . . RADIATION BELTS
 . . . PROTON BELTS
 . . . TRAPPED PARTICLES
 . . . MAGNETICALLY TRAPPED PARTICLES
 . . . RADIATION BELTS
 . . . PROTON BELTS
 RT ∞ BELTS
 INNER RADIATION BELT
 OUTER RADIATION BELT
PROTON DENSITY (CONCENTRATION)
 GS DENSITY (NUMBER/VOLUME)
 . PARTICLE DENSITY (CONCENTRATION)
 . . ION DENSITY (CONCENTRATION)

PROTON DENSITY (CONCENTRATION)-(CONT.)
 . . . PROTON DENSITY
 (CONCENTRATION)
 MAGNETOSPHERIC PROTON
 DENSITY
 RT ATMOSPHERIC DENSITY
 ATOM CONCENTRATION
 PLASMA DENSITY
 SPACE DENSITY
PROTON FLUX DENSITY
 SN (LIMITED TO PROTON EMISSION OR
 DETECTION RATE PER UNIT AREA)
 GS RATES (PER TIME)
 . FLUX DENSITY
 . . RADIANT FLUX DENSITY
 . . . PARTICLE FLUX DENSITY
 PROTON FLUX DENSITY
 RT IRRADIANCE
 RADIANCY
 RADIATION COUNTERS
 SOLAR FLUX DENSITY
PROTON IRRADIATION
 GS IRRADIATION
 . ION IRRADIATION
 . . PROTON IRRADIATION
 RT DEUTERON IRRADIATION
 ELECTRON RADIATION
PROTON TELESCOPES
 USE PARTICLE TELESCOPES
PROTON-PROTON REACTIONS
 GS NUCLEAR REACTIONS
 . PROTON-PROTON REACTIONS
 RT ANNIHILATION REACTIONS
 ∞ INTERACTIONS
 POMERONS
 THERMONUCLEAR REACTIONS
PROTONS
 GS PARTICLES
 . CHARGED PARTICLES
 . . PROTONS
 . . . RECOIL PROTONS
 . . . SOLAR PROTONS
 . . . ELEMENTARY PARTICLES
 . . . FERMIONS
 . . . PROTONS
 RECOIL PROTONS
 SOLAR PROTONS
 RT ALPHA PARTICLES
 ANTIPROTONS
 BARYONS
 COSMIC RAYS
 DEUTERONS
 FLUX DENSITY
 HYDROGEN IONS
 IONS
 NUCLEAR PARTICLES
 NUCLEI (NUCLEAR PHYSICS)
 NUCLEON POTENTIAL
 NUCLEONS
 POSITIVE IONS
 RADIATION BELTS
 RADIATION SHIELDING
 TRITONS
PROTOPLANETS
 UF PLANETESIMALS
 GS CELESTIAL BODIES
 . PROTOPLANETS
 RT COSMOLOGY
 PLANETARY ENVIRONMENTS
 PLANETARY EVOLUTION
 PLANETARY MASS
 PLANETS
 SOLAR ORBITS
 SOLAR SYSTEM
 STELLAR EVOLUTION
PROTOSTARS
 GS CELESTIAL BODIES
 . STARS
 . . PROTOSTARS
 . . . PRE-MAIN SEQUENCE STARS
 T TAURI STARS
 RT STAR FORMATION
 STELLAR EVOLUTION
 STELLAR MASS ACCRETION
PTOLEMAEUS CRATER
 GS CRATERS
 . LUNAR CRATERS

RADIANT FLUX DENSITY

R

PTOLEMAEUS CRATER-(CONT.)

.. PTOLEMAEUS CRATER
RT METEORITE CRATERS

PULSARS

GS CELESTIAL BODIES
.. RADIO SOURCES (ASTRONOMY)
.. RADIO STARS
.. PULSARS
.. STARS
.. NEUTRON STARS
.. PULSARS
.. RADIO STARS
.. PULSARS
RT DEGENERATE MATTER
QUASARS
RADIATION SOURCES
RADIO ASTRONOMY
RADIO BURSTS
SUPERNOVA REMNANTS

PULSED RADIATION

GS PULSED RADIATION
.. ELECTROMAGNETIC PULSES
.. SYSTEM GENERATED
.. ELECTROMAGNETIC PULSES
RT CONTINUOUS RADIATION
CORPUSCULAR RADIATION
ELASTIC WAVES
ELECTROMAGNETIC RADIATION
GAMMA RAY LASERS
LASER DAMAGE
LASERS
PICOSECOND PULSES
PULSE AMPLITUDE
PULSE DIFFRACTION
PULSE DURATION
PULSE GENERATORS
PULSE MODULATION
PULSE RATE
∞ RADIATION
∞ RAYS

PYRANOMETERS

GS MEASURING INSTRUMENTS
.. RADIATION MEASURING INSTRUMENTS
.. ACTINOMETERS
.. PYRANOMETERS
RT PHOTOMETERS
RADIOMETERS
SKY RADIATION

PYROHELIOMETERS

UF HELIOMETRY
GS MEASURING INSTRUMENTS
.. HELIOMETERS
.. PYROHELIOMETERS
OPTICAL EQUIPMENT
.. HELIOMETERS
.. PYROHELIOMETERS
TELESCOPES
.. HELIOMETERS
.. PYROHELIOMETERS

Q

OSO (RADIO SOURCES)
USE QUASARS

QUADRANTID METEORIODS

GS CELESTIAL BODIES
.. METEOROID SHOWERS
.. QUADRANTID METEORIODS
.. METEORIODS
.. QUADRANTID METEORIODS

QUADRANTS

GS GEOMETRY
.. EUCLIDEAN GEOMETRY
.. ANALYTIC GEOMETRY
.. QUADRANTS

QUADRATURE APPROXIMATION

USE QUADRATURES

QUADRATURES

UF QUADRATURE APPROXIMATION
RT CIRCULAR ORBITS
ORBIT CALCULATION
ORBITAL MECHANICS
ORBITS

QUADRATURES-(CONT.)

SPACE MECHANICS

QUANTUM STATISTICS

UF BOSE-EINSTEIN STATISTICS
RT BOSONS
FERMI-DIRAC STATISTICS
FERMIONS
MANY BODY PROBLEM
∞ STATISTICS
SUPERFLUIDITY
THOMAS-FERMI MODEL

QUANTUM THEORY

UF WIGHTMAN THEORY
GS THEORETICAL PHYSICS
.. QUANTUM THEORY
.. BOHR THEORY
RT ANGULAR MOMENTUM
ATOMIC THEORY
CHARM (PARTICLE PHYSICS)
DE BROGLIE WAVELENGTHS
DIRAC EQUATION
ELEMENTARY PARTICLES
EMISSION
ENERGY LEVELS
FIELD THEORY (PHYSICS)
FLAVOR (PARTICLE PHYSICS)
FORBIDDEN TRANSITIONS
GROUND STATE
HAMILTONIAN FUNCTIONS
KLEIN-DUNHAM POTENTIAL
MAGNETIC MONOPOLES
MANDELSTAM REPRESENTATION
MOLECULAR ORBITALS
NUCLEAR PHYSICS
NUCLEAR SPIN
PARITY
PERTURBATION THEORY
PHOTONS
PHYSICAL OPTICS
PLANCKS CONSTANT
QUANTUM ELECTRONICS
QUANTUM OPTICS
∞ RADIATION
RADIATION LAWS
SCHUMANN-RUNGE BANDS
SQUEEZED STATES (QUANTUM THEORY)
STATISTICAL DISTRIBUTIONS
STATISTICAL MECHANICS
STRING THEORY
SUPERGRAVITY
SUPERSYMMETRY
∞ THEORIES
WAVE EQUATIONS

QUASARS

UF QSO (RADIO SOURCES)
QUASI-STELLAR RADIO SOURCES
GS CELESTIAL BODIES
.. RADIO SOURCES (ASTRONOMY)
.. QUASARS
RT ACTIVE GALACTIC NUCLEI
ACTIVE GALAXIES
EXTRAGALACTIC RADIO SOURCES
GALAXIES
GRAVITATIONAL COLLAPSE
IRREGULAR GALAXIES
PULSARS
RADIO ASTRONOMY
RADIO BURSTS
RADIO EMISSION
RADIO GALAXIES
RADIO JETS (ASTRONOMY)
RADIO STARS
STARS
X RAY SPECTRA

QUASAT

SN (QUASAR SATELLITE)
GS OBSERVATORIES
.. ASTRONOMICAL OBSERVATORIES
.. ASTRONOMICAL SATELLITES
.. QUASAT
RT EUROPEAN SPACE PROGRAMS
NASA PROGRAMS
RADIO ASTRONOMY
RADIO TELESCOPES
SPACEBORNE ASTRONOMY
VERY LONG BASE INTERFEROMETRY

QUASI-STELLAR RADIO SOURCES

USE QUASARS

R CORONAE BOREALIS STARS

UF RCB STARS
GS CELESTIAL BODIES
.. STARS
.. SUPERGIANT STARS
.. R CORONAE BOREALIS STARS
.. VARIABLE STARS
.. IRREGULAR VARIABLE STARS
.. R CORONAE BOREALIS STARS
RT CARBON STARS
COOL STARS
DUST
STELLAR ENVELOPES
STELLAR MASS EJECTION

RADAR ASTRONOMY

GS ASTRONOMY
.. RADAR ASTRONOMY
RT RADIO ASTRONOMY

RADAR MAPS

GS MAPS
.. RADAR MAPS
RT MAP MATCHING GUIDANCE
METEOROLOGICAL CHARTS
RADAR IMAGERY

RADIAL VELOCITY

GS RATES (PER TIME)
.. RADIAL VELOCITY
VELOCITY
.. RADIAL VELOCITY
RT ASTRONOMICAL SPECTROSCOPY
DOPPLER EFFECT
RADAR TARGETS
RED SHIFT
VELOCITY MEASUREMENT

RADIANCE

SN (DIRECTIONAL EMISSION RATE PER
UNIT AREA OF RADIATION)
GS ELECTROMAGNETIC PROPERTIES
.. OPTICAL PROPERTIES
.. RADIANCE
RATES (PER TIME)
.. FLUX DENSITY
.. RADIANT FLUX DENSITY
.. RADIANCE
RT BLACK BODY RADIATION
BRIGHTNESS
EMISSIVITY
EMITTANCE
GLARE
INCANDESCENCE
∞ INTENSITY
IRRADIANCE
LUMENS
LUMINOSITY
NEUTRON FLUX DENSITY
SOLAR FLUX DENSITY
TRANSMISSOMETERS
VISIBILITY

RADIANCY

SN (EMISSION RATE PER UNIT AREA OF
RADIATION)
GS RATES (PER TIME)
.. FLUX DENSITY
.. RADIANT FLUX DENSITY
.. RADIANCY
RT ELECTRON FLUX DENSITY
ILLUMINANCE
LUMINOUS INTENSITY
NEUTRON FLUX DENSITY
PARTICLE FLUX DENSITY
PROTON FLUX DENSITY
SOLAR FLUX DENSITY

RADIANT ENERGY

USE RADIATION

RADIANT FLUX DENSITY

SN (DYNES/CM-SEC AS DISTINGUISHED
FROM RADIATION
PRESSURE-DYNES/SQ CM)
UF POWER DENSITY (ELECTROMAGNETIC)
RADIANT INTENSITY
RADIATION INTENSITY
RATES (PER TIME)
.. FLUX DENSITY
.. RADIANT FLUX DENSITY
.. IRRADIANCE

RADIANT HEATING

RADIANT FLUX DENSITY-(CONT.)

. . . . ILLUMINANCE
 SOLAR CONSTANT
 LUMENS
 LUMINOUS INTENSITY
 ILLUMINANCE
 LUMINANCE
 PARTICLE FLUX DENSITY
 ELECTRON FLUX DENSITY
 NEUTRON FLUX DENSITY
 PROTON FLUX DENSITY
 RADIANCE
 RADIANCY
 SOLAR FLUX DENSITY
 SOLAR CONSTANT
 RT BL LACERTAE OBJECTS
 BRIGHTNESS
 BRIGHTNESS DISTRIBUTION
 DOSIMETERS
 EMISSIVITY
 EMITTANCE
 FAR FIELDS
 FLUX (RATE)
 GAMMA RAY BURSTS
 LASER OUTPUTS
 LUMINOSITY
 MASER OUTPUTS
 MASS TO LIGHT RATIOS
 POST-BLAST NUCLEAR RADIATION
 ∞ RADIATION
 RADIATION COUNTERS
 RADIATION PRESSURE
 RADIO SPECTRA
 SCATTERING FUNCTIONS
 SOLAR REFLECTORS
 SOUND INTENSITY
 VIEW EFFECTS

RADIANT HEATING

UF RADIATION HEATING
 GS HEATING
 . RADIANT HEATING
 RT ∞ ENERGY
 GAS HEATING
 ∞ RADIATION
 RADIATIVE HEAT TRANSFER
 RADIATIVE TRANSFER
 SOLAR HEATING

RADIANT INTENSITY

USE RADIANT FLUX DENSITY

∞ RADIATION

SN *(USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED-CONSULT THE TERMS
 LISTED BELOW)*
 UF RADIANT ENERGY
 RADIATION EMISSION
 RT ALPHA PARTICLES
 ANTENNA RADIATION PATTERNS
 ARTIFICIAL RADIATION BELTS
 ATMOSPHERIC RADIATION
 BACKGROUND NOISE
 BACKGROUND RADIATION
 BASE HEATING
 BEAMS (RADIATION)
 BLACK BODY RADIATION
 CERENKOV RADIATION
 CIRCUMSOLAR RADIATION
 COHERENT ACOUSTIC RADIATION
 COHERENT ELECTROMAGNETIC
 RADIATION
 COHERENT RADIATION
 CONTINUOUS RADIATION
 CORPUSCULAR RADIATION
 COSMIC RAYS
 CYCLOTRON RADIATION
 DIFFUSE RADIATION
 EARTH RADIATION BUDGET
 EXPERIMENT
 ELASTIC WAVES
 ELECTROMAGNETIC NOISE
 ELECTROMAGNETIC RADIATION
 ELECTRON RADIATION
 EMISSION
 EXTRATERRESTRIAL RADIATION
 EXTREME ULTRAVIOLET RADIATION
 FALLOUT
 FAR INFRARED RADIATION
 FAR ULTRAVIOLET RADIATION
 FLUX (RATE)
 FLUX DENSITY
 GALACTIC RADIATION
 GAMMA RAYS
 GEOPHYSICS

RADIATION-(CONT.)

GRAVITATIONAL WAVES
 HARMONIC RADIATION
 HEATING
 INCIDENT RADIATION
 INFRARED RADIATION
 INNER RADIATION BELT
 INTERSTELLAR RADIATION
 ION CYCLOTRON RADIATION
 IONIZING RADIATION
 IRRADIATION
 KIRCHHOFF LAW OF RADIATION
 LIGHT (VISIBLE RADIATION)
 LONG WAVE RADIATION
 LONGITUDINAL WAVES
 LUNAR RADIATION
 LYMAN ALPHA RADIATION
 LYMAN BETA RADIATION
 MICROWAVES
 MODULATED CONTINUOUS RADIATION
 MONOCHROMATIC RADIATION
 NEAR INFRARED RADIATION
 NEAR ULTRAVIOLET RADIATION
 NONTHERMAL RADIATION
 NUCLEAR MEDICINE
 NUCLEAR RADIATION
 NUCLEON POTENTIAL
 OUTER RADIATION BELT
 PHOTONS
 PLANE WAVES
 PLANETARY RADIATION
 PLASMA RADIATION
 POLARIZED ELECTROMAGNETIC
 RADIATION
 POLARIZED RADIATION
 POST-BLAST NUCLEAR RADIATION
 PULSED RADIATION
 QUANTUM THEORY
 RADIANT FLUX DENSITY
 RADIANT HEATING
 RADIATION ABSORPTION
 RADIATION BELTS
 RADIATION CHEMISTRY
 RADIATION COUNTERS
 RADIATION DAMAGE
 RADIATION DETECTORS
 RADIATION DISTRIBUTION
 RADIATION DOSAGE
 RADIATION EFFECTS
 RADIATION HARDENING
 RADIATION HAZARDS
 RADIATION INJURIES
 RADIATION LAWS
 RADIATION MEASUREMENT
 RADIATION MEASURING INSTRUMENTS
 RADIATION METEOROID SPACECRAFT
 RADIATION PRESSURE
 RADIATION PROTECTION
 RADIATION PYROMETERS
 RADIATION SHIELDING
 RADIATION SICKNESS
 RADIATION SOURCES
 RADIATION SPECTRA
 RADIATION THERAPY
 RADIATION TOLERANCE
 RADIATION TRANSPORT
 RADIATION TRAPPING
 RADIATIVE TRANSFER
 RADIOACTIVITY
 RADIOLOGY
 REFLECTED WAVES
 RELIC RADIATION
 RESONANCE FLUORESCENCE
 SELF ABSORPTION
 SHORT WAVE RADIATION
 SILICON RADIATION DETECTORS
 SKY RADIATION
 SOLAR CORPUSCULAR RADIATION
 SOLAR RADIATION
 SOLAR RADIATION SHIELDING
 SOLAR RADIATION 1 SATELLITE
 SOLAR RADIATION 3 SATELLITE
 SOLAR WIND
 SOUND WAVES
 SPECTRAL EMISSION
 STANDING WAVES
 STELLAR RADIATION
 STOKES LAW OF RADIATION
 STRATOSPHERE RADIATION
 SYNCHROTRON RADIATION
 TEMPERATURE EFFECTS
 TERRESTRIAL RADIATION
 THERMAL RADIATION
 TRAP PROGRAM
 TROPOSPHERIC RADIATION
 ULTRASONIC RADIATION

RADIATION-(CONT.)

ULTRAVIOLET RADIATION
 VOLTERRA EQUATIONS
 X RAY SOURCES

RADIATION BELTS

UF GEOMAGNETICALLY TRAPPED
 PARTICLES
 VAN ALLEN RADIATION BELTS
 GS PARTICLES
 CHARGED PARTICLES
 MAGNETICALLY TRAPPED PARTICLES
 . RADIATION BELTS
 . ARTIFICIAL RADIATION BELTS
 . INNER RADIATION BELT
 . OUTER RADIATION BELT
 . PROTON BELTS
 . CORPUSCULAR RADIATION
 . RADIATION BELTS
 . TRAPPED PARTICLES
 . MAGNETICALLY TRAPPED PARTICLES
 . RADIATION BELTS
 . ARTIFICIAL RADIATION BELTS
 . INNER RADIATION BELT
 . OUTER RADIATION BELT
 . PROTON BELTS
 RT AEROSPACE ENVIRONMENTS
 ∞ BELTS
 COSMIC RAYS
 EARTH ATMOSPHERE
 EARTH MAGNETOSPHERE
 ELECTRON DENSITY (CONCENTRATION)
 ELECTRON PRECIPITATION
 ELECTRON TRAJECTORIES
 ELECTRONS
 ELEMENTARY PARTICLES
 ENTRAPMENT
 EXOSPHERE
 EXTRATERRESTRIAL RADIATION
 IONIZING RADIATION
 IONOSPHERIC DRIFT
 MAGNETIC FIELDS
 MIRROR POINT
 PLASMAS (PHYSICS)
 PROTON PRECIPITATION
 PROTONS
 ∞ RADIATION
 SOLAR RADIATION
 TRAPPING
 UPPER ATMOSPHERE

RADIATION COUNTERS

UF IONIZATION COUNTERS
 PARTICLE COUNTERS
 PARTICLE DETECTORS
 GS MEASURING INSTRUMENTS
 COUNTERS
 . RADIATION COUNTERS
 . CERENKOV COUNTERS
 . ELECTRON COUNTERS
 . GEIGER COUNTERS
 . NEUTRON COUNTERS
 . NEUTRON SPECTROMETERS
 . PARTICLE TELESCOPES
 . PROPORTIONAL COUNTERS
 . QUANTUM COUNTERS
 . SCINTILLATION COUNTERS
 . SPARK CHAMBERS
 . RADIATION MEASURING INSTRUMENTS
 . RADIATION COUNTERS
 . CERENKOV COUNTERS
 . ELECTRON COUNTERS
 . GEIGER COUNTERS
 . NEUTRON COUNTERS
 . NEUTRON SPECTROMETERS
 . PARTICLE TELESCOPES
 . PROPORTIONAL COUNTERS
 . QUANTUM COUNTERS
 . SCINTILLATION COUNTERS
 . SPARK CHAMBERS
 RT BUBBLE CHAMBERS
 CHANNEL MULTIPLIERS
 CLOUD CHAMBERS
 COINCIDENCE CIRCUITS
 DOSIMETERS
 ELECTROSTATIC PROBES
 FLUENCE
 GAS DISCHARGE TUBES
 HODOSCOPES
 ION TRAPS (INSTRUMENTATION)
 IONIZATION CHAMBERS
 IONIZING RADIATION
 NUCLEAR EMULSIONS
 PARTICLE FLUX DENSITY
 PROTON FLUX DENSITY

RADIO ASTRONOMY

RADIATION COUNTERS-(CONT.)

RADIANT FLUX DENSITY
∞ RADIATION
SPECTROMETERS

RADIATION DETECTORS

GS MEASURING INSTRUMENTS
RADIATION MEASURING INSTRUMENTS
RADIATION DETECTORS
DOSIMETERS
THRESHOLD DETECTORS
(DOSIMETERS)
GOLAY DETECTOR CELLS
SILICON RADIATION DETECTORS
RT ∞ DETECTORS
GEIGER COUNTERS
HEALTH PHYSICS
MULTI-ANODE MICROCHANNEL ARRAYS
RADIATION
SATELLITE-BORNE INSTRUMENTS
VELA SATELLITES

RADIATION DISTRIBUTION

UF RADIATION FIELDS
GS DISTRIBUTION (PROPERTY)
RADIATION DISTRIBUTION
ANTENNA RADIATION PATTERNS
SIDELOBES
DIFFRACTION PATTERNS
KOSSEL PATTERN
RAINBOWS
RT CORPUSCULAR RADIATION
ELASTIC WAVES
ELECTROMAGNETIC RADIATION
FIELD THEORY (PHYSICS)
FLUX DENSITY
NULL ZONES
PATTERNS
∞ RADIATION
VERTICAL DISTRIBUTION
WAVE DISPERSION

RADIATION EMISSION

USE RADIATION

RADIATION FIELDS

USE RADIATION DISTRIBUTION

RADIATION HEATING

USE RADIANT HEATING

RADIATION INTENSITY

USE RADIANT FLUX DENSITY

RADIATION LAWS

GS LAWS
RADIATION LAWS
KIRCHHOFF LAW OF RADIATION
STEFAN-BOLTZMANN LAW
STOKES LAW OF RADIATION
RT ELECTROMAGNETIC RADIATION
QUANTUM THEORY
∞ RADIATION

RADIATION MEASURING INSTRUMENTS

UF PHOTOELECTROMAGNETIC DETECTORS
PHOTOSENSORS
RADIATION METERS
GS MEASURING INSTRUMENTS
RADIATION MEASURING
INSTRUMENTS
ACTINOMETERS
INFRARED SPECTROMETERS
PYRANOMETERS
RADIOMETERS
DICKE RADIOMETERS
INFRARED DETECTORS
INFRARED SCANNERS
MICROWAVE RADIOMETERS
PASSIVE L-BAND RADIOMETERS
PRESSURE MODULATOR
RADIOMETERS
SPECTRORADIOMETERS
SOLAR SPECTROMETERS
SPECTROHELIOGRAPHS
SPECTROPHOTOMETERS
INFRARED
SPECTROPHOTOMETERS
ULTRAVIOLET
SPECTROPHOTOMETERS
ULTRAVIOLET DETECTORS
ULTRAVIOLET SPECTROMETERS
ULTRAVIOLET
SPECTROPHOTOMETERS
BOLOMETERS

RADIATION MEASURING INSTRUMENTS-(CONT.)

EBERT SPECTROMETERS
ELECTROSTATIC PROBES
FABRY-PEROT SPECTROMETERS
HODOSCOPES
INFRARED INSTRUMENTS
INFRARED DETECTORS
FLIR DETECTORS
INFRARED SCANNERS
INFRARED SPECTROMETERS
INFRARED SPECTROPHOTOMETERS
PHOTOMETERS
ELECTROPHOTOMETERS
ULTRAVIOLET SPECTROMETERS
ULTRAVIOLET
SPECTROPHOTOMETERS
RADIATION COUNTERS
CERENKOV COUNTERS
ELECTRON COUNTERS
GEIGER COUNTERS
NEUTRON COUNTERS
NEUTRON SPECTROMETERS
PARTICLE TELESCOPES
PROPORTIONAL COUNTERS
QUANTUM COUNTERS
SCINTILLATION COUNTERS
SPARK CHAMBERS
RADIATION DETECTORS
DOSIMETERS
THRESHOLD DETECTORS
(DOSIMETERS)
GOLAY DETECTOR CELLS
SILICON RADIATION DETECTORS
RIOMETERS
RT ∞ DETECTORS
EARTH RADIATION BUDGET
EXPERIMENT
HEALTH PHYSICS
IONIZATION CHAMBERS
MONITORS
NUCLEAR EMULSIONS
OPTICAL MEASURING INSTRUMENTS
∞ RADIATION
SAFETY DEVICES
SOLAR INSTRUMENTS
VELA SATELLITES
VIEW EFFECTS

RADIATION METEOROID SPACECRAFT

RT METEORIODS
∞ RADIATION
∞ SPACECRAFT
SPACECRAFT CONFIGURATIONS

RADIATION METERS

USE RADIATION MEASURING INSTRUMENTS

RADIATION PRESSURE

SN (DYNES/SQ CM AS DISTINGUISHED
FROM RADIANT FLUX
DENSITY-DYNES/CM-SEC)
GS PRESSURE
RADIATION PRESSURE
ELECTRON PRESSURE
LUMENS
LUMINOUS INTENSITY
ILLUMINANCE
LUMINANCE
SOUND PRESSURE
RT BAROCLINIC WAVES
BESSEL-BREDICHIN THEORY
COMET TAILS
CORPUSCULAR RADIATION
ELASTIC WAVES
ELECTROMAGNETIC RADIATION
KOHOUTEK COMET
PARTICLE FLUX DENSITY
PERTURBATION
PHOTOPHORESIS
RADIANT FLUX DENSITY
∞ RADIATION
SOLAR FLUX DENSITY
SOLAR RADIATION
SOLAR WIND
STELLAR WINDS

RADIATION SOURCES

UF COHERENT SOURCES
GS RADIATION SOURCES
MONOCHROMATORS
NEUTRON SOURCES
POINT SOURCES
RT CORPUSCULAR RADIATION
DUOCHROMATORS
ELECTROMAGNETIC RADIATION

RADIATION SOURCES-(CONT.)

ELECTRON SOURCES
EXTRAGALACTIC RADIO SOURCES
∞ GENERATORS
HEAT SOURCES
INTERSTELLAR MASERS
ION SOURCES
LIGHT SOURCES
PULSARS
∞ RADIATION
RADIO SOURCES (ASTRONOMY)
RADIOACTIVE MATERIALS
SOUND GENERATORS
∞ SOURCES
X RAY STARS

RADIATION SPECTRA

GS SPECTRA
RADIATION SPECTRA
ABSORPTION SPECTRA
FRAUNHOFER LINES
HERZBERG BANDS
TELLURIC LINES
ELECTROMAGNETIC SPECTRA
GAMMA RAY SPECTRA
INFRARED SPECTRA
LINE SPECTRA
BALMER SERIES
D LINES
ELECTRONIC SPECTRA
FRAUNHOFER LINES
H LINES
H ALPHA LINE
H BETA LINE
H GAMMA LINE
K LINES
LYMAN SPECTRA
PASCHEN SERIES
RYDBERG SERIES
TELLURIC LINES
RADIO SPECTRA
MICROWAVE SPECTRA
RAMAN SPECTRA
STELLAR SPECTRA
SOLAR SPECTRA
UBV SPECTRA
ULTRAVIOLET SPECTRA
VIBRATIONAL SPECTRA
VISIBLE SPECTRUM
X RAY SPECTRA
EMISSION SPECTRA
RT ASTRONOMICAL SPECTROSCOPY
COSMIC BACKGROUND EXPLORER
SATELLITE
ENERGY SPECTRA
MASS SPECTRA
NOISE SPECTRA
PLASMA SPECTRA
∞ RADIATION

RADIATIVE TRANSFER

GS RADIATIVE TRANSFER
RADIATIVE HEAT TRANSFER
RT ATMOSPHERIC CORRECTION
COSMIC RAYS
ELECTROMAGNETIC RADIATION
ENERGY TRANSFER
EXTRATERRESTRIAL RADIATION
GALACTIC RADIATION
HEAT TRANSFER
HEAT TRANSMISSION
INTERSTELLAR RADIATION
NEAR INFRARED RADIATION
PLANETARY ATMOSPHERES
POLARIZED ELECTROMAGNETIC
RADIATION
RADIANT HEATING
∞ RADIATION
RADIATION TRANSPORT
RADIO BURSTS
RADIO STARS
SOLAR RADIATION
STELLAR ATMOSPHERES
STELLAR RADIATION

RADIO ASTRONOMY

GS ASTRONOMY
RADIO ASTRONOMY
RT ASTRONOMICAL OBSERVATORIES
ASTRONOMICAL SPECTROSCOPY
BRIGHTNESS DISTRIBUTION
BRIGHTNESS TEMPERATURE
CORONAL HOLES
EXTRAGALACTIC RADIO SOURCES
EXTRATERRESTRIAL RADIO WAVES

RADIO ASTRONOMY EXPLORER B

RADIO ASTRONOMY-(CONT.)

GAMMA RAY ASTRONOMY
IUE
LINEAR POLARIZATION
MAFFEI GALAXIES
MICHELSON INTERFEROMETERS
PHASE SWITCHING INTERFEROMETERS
PULSARS
QUASARS
QUASAT
RADAR ASTRONOMY
RADIO JETS (ASTRONOMY)
SAS-2
SAS-3
SCIENCE
VERY HIGH FREQUENCY RADIO
EQUIPMENT
VERY LARGE ARRAY (VLA)
VERY LONG BASE INTERFEROMETRY
VERY LONG BASELINE ARRAY (VLBA)

RADIO ASTRONOMY EXPLORER B

USE EXPLORER 49 SATELLITE

RADIO ASTRONOMY EXPLORER SATELLITE

GS ARTIFICIAL SATELLITES
SCIENTIFIC SATELLITES
EXPLORER SATELLITES
RADIO ASTRONOMY EXPLORER
SATELLITE

RADIO ASTRONOMY EXPLORER 2

USE EXPLORER 49 SATELLITE

RADIO AURORAS

GS ATMOSPHERIC RADIATION
AURORAS
RADIO AURORAS
RT DISTURBANCES
IONOSPHERICS
NIGHTGLOW
SOLAR ACTIVITY

RADIO BURSTS

GS BURSTS
RADIO BURSTS
SOLAR RADIO BURSTS
TYPE 2 BURSTS
TYPE 3 BURSTS
TYPE 4 BURSTS
TYPE 5 BURSTS
ELECTROMAGNETIC RADIATION
RADIO WAVES
EXTRATERRESTRIAL RADIO WAVES
RADIO BURSTS
SOLAR RADIO BURSTS
TYPE 2 BURSTS
TYPE 3 BURSTS
TYPE 4 BURSTS
TYPE 5 BURSTS
RADIO EMISSION
RADIO BURSTS
SOLAR RADIO BURSTS
TYPE 2 BURSTS
TYPE 3 BURSTS
TYPE 4 BURSTS
TYPE 5 BURSTS
EMISSION
RADIO EMISSION
RADIO BURSTS
SOLAR RADIO BURSTS
TYPE 2 BURSTS
TYPE 3 BURSTS
TYPE 4 BURSTS
TYPE 5 BURSTS
EXTRATERRESTRIAL RADIATION
EXTRATERRESTRIAL RADIO WAVES
RADIO BURSTS
SOLAR RADIO BURSTS
TYPE 2 BURSTS
TYPE 3 BURSTS
TYPE 4 BURSTS
TYPE 5 BURSTS
RT DISTURBANCES
PULSARS
QUASARS
RADIATIVE TRANSFER
SOLAR RADIO EMISSION
STELLAR RADIATION

RADIO ECHOES

UF RADIO REFLECTION
GS ECHOES
RADIO ECHOES
RT ANGELS (RADAR)

RADIO ECHOES-(CONT.)

AURORAL ECHOES
GHOSTS
HARVARD RADIO METEOR PROJECT
INFRARED REFLECTION
LUNAR ECHOES
RADAR REFLECTORS
ULTRAVIOLET REFLECTION

RADIO EMISSION

GS ELECTROMAGNETIC RADIATION
RADIO WAVES
RADIO EMISSION
CN EMISSION
HYDROXYL EMISSION
RADIO BURSTS
SOLAR RADIO BURSTS
TYPE 2 BURSTS
TYPE 3 BURSTS
TYPE 4 BURSTS
TYPE 5 BURSTS
SOLAR RADIO EMISSION
SOLAR RADIO BURSTS
TYPE 2 BURSTS
TYPE 3 BURSTS
TYPE 4 BURSTS
TYPE 5 BURSTS
EMISSION
RADIO EMISSION
CN EMISSION
HYDROXYL EMISSION
RADIO BURSTS
SOLAR RADIO BURSTS
TYPE 2 BURSTS
TYPE 3 BURSTS
TYPE 4 BURSTS
TYPE 5 BURSTS
SOLAR RADIO EMISSION
SOLAR RADIO BURSTS
TYPE 2 BURSTS
TYPE 3 BURSTS
TYPE 4 BURSTS
TYPE 5 BURSTS
RT EXTRAGALACTIC RADIO SOURCES
EXTRATERRESTRIAL RADIO WAVES
QUASARS
RADIO JETS (ASTRONOMY)

RADIO FREQUENCY RADIATION

USE RADIO WAVES

RADIO GALAXIES

GS CELESTIAL BODIES
GALAXIES
ACTIVE GALAXIES
RADIO GALAXIES
RADIO SOURCES (ASTRONOMY)
EXTRAGALACTIC RADIO SOURCES
RADIO GALAXIES
RT ACTIVE GALACTIC NUCLEI
DISK GALAXIES
MAFFEI GALAXIES
QUASARS

RADIO INTERFEROMETERS

GS MEASURING INSTRUMENTS
INTERFEROMETERS
RADIO INTERFEROMETERS
RT ASTROPHYSICS
ORION (RADIO INTERFEROMETRY
NETWORK)
VERY LONG BASE INTERFEROMETRY

RADIO JETS (ASTRONOMY)

GS CELESTIAL BODIES
RADIO SOURCES (ASTRONOMY)
EXTRAGALACTIC RADIO SOURCES
RADIO JETS (ASTRONOMY)
PARTICLES
CHARGED PARTICLES
PLASMA JETS
RADIO JETS (ASTRONOMY)
RT ASTROPHYSICS
ENERGETIC PARTICLES
EXTRATERRESTRIAL RADIATION
EXTRATERRESTRIAL RADIO WAVES
GALACTIC NUCLEI
GALACTIC RADIO WAVES
QUASARS
RADIO ASTRONOMY
RADIO EMISSION

RADIO METEORS

GS CELESTIAL BODIES
METEORIODS

RADIO METEORS-(CONT.)

RADIO METEORS
RT ATMOSPHERIC IONIZATION
METEOR TRAILS

RADIO OBSERVATION

RT OBSERVATION
SPACE OBSERVATIONS (FROM EARTH)

RADIO OCCULTATION

GS OCCULTATION
RADIO OCCULTATION
RT ATMOSPHERIC COMPOSITION
ATMOSPHERIC PRESSURE
ATMOSPHERIC TEMPERATURE
PLANETARY ATMOSPHERES
SPACE PROBES
SPACECRAFT TRAJECTORIES

RADIO REFLECTION

USE RADIO ECHOES

RADIO SOURCES (ASTRONOMY)

SN (LIMITED TO EXTRATERRESTRIAL RADIO
SOURCES)
GS CELESTIAL BODIES
RADIO SOURCES (ASTRONOMY)
CASSIOPEIA A
EXTRAGALACTIC RADIO SOURCES
RADIO GALAXIES
RADIO JETS (ASTRONOMY)
QUASARS
RADIO STARS
PULSARS
RT BL LACERTAE OBJECTS
CN EMISSION
EXTRATERRESTRIAL RADIO WAVES
GALACTIC NUCLEI
GALAXIES
HYDROXYL EMISSION
IRREGULAR GALAXIES
MAFFEI GALAXIES
MILKY WAY GALAXY
RADIATION SOURCES
SOURCES

RADIO SPECTRA

GS SPECTRA
RADIATION SPECTRA
ELECTROMAGNETIC SPECTRA
RADIO SPECTRA
MICROWAVE SPECTRA
RT CARRIER WAVES
ELECTROMAGNETIC NOISE
H I REGIONS
RADIANT FLUX DENSITY

RADIO SPECTROSCOPY

GS SPECTROSCOPY
RADIO SPECTROSCOPY
RT ASTRONOMICAL SPECTROSCOPY
ULTRAVIOLET SPECTRA
ULTRAVIOLET SPECTROSCOPY
X RAY SPECTROSCOPY

RADIO STARS

GS CELESTIAL BODIES
RADIO SOURCES (ASTRONOMY)
RADIO STARS
PULSARS
STARS
RADIO STARS
PULSARS
RT QUASARS
RADIATIVE TRANSFER
STELLAR RADIATION

RADIO TELESCOPES

GS RADIO EQUIPMENT
RADIO TELESCOPES
KILOMETER WAVE ORBITING
TELESCOPE
VERY LARGE ARRAY (VLA)
VERY LONG BASELINE ARRAY (VLBA)
TELESCOPES
RADIO TELESCOPES
KILOMETER WAVE ORBITING
TELESCOPE
VERY LARGE ARRAY (VLA)
VERY LONG BASELINE ARRAY (VLBA)
RT ANTENNAS
JODRELL BANK OBSERVATORY
OPTICAL EQUIPMENT
PHASE SWITCHING INTERFEROMETERS
QUASAT

RANGER 3 LUNAR PROBE

RADIO WAVES

UF RADIO FREQUENCY RADIATION
GS ELECTROMAGNETIC RADIATION
 . RADIO WAVES
 . . . DECAHETERIC WAVES
 . . . EXTRATERRESTRIAL RADIO WAVES
 . . . GALACTIC RADIO WAVES
 . . . RADIO BURSTS
 . . . SOLAR RADIO BURSTS
 TYPE 2 BURSTS
 TYPE 3 BURSTS
 TYPE 4 BURSTS
 TYPE 5 BURSTS
 . . . SOLAR RADIO EMISSION
 . . . SOLAR RADIO BURSTS
 TYPE 2 BURSTS
 TYPE 3 BURSTS
 TYPE 4 BURSTS
 TYPE 5 BURSTS
 . . . LONG WAVE RADIATION
 . . . RADIO EMISSION
 . . . CN EMISSION
 . . . HYDROXYL EMISSION
 . . . RADIO BURSTS
 . . . SOLAR RADIO BURSTS
 TYPE 2 BURSTS
 TYPE 3 BURSTS
 TYPE 4 BURSTS
 TYPE 5 BURSTS
 . . . SOLAR RADIO EMISSION
 . . . SOLAR RADIO BURSTS
 TYPE 2 BURSTS
 TYPE 3 BURSTS
 TYPE 4 BURSTS
 TYPE 5 BURSTS
 . . . SHORT WAVE RADIATION
 . . . MICROWAVES
 . . . CENTIMETER WAVES
 . . . DECIMETER WAVES
 . . . MICROWAVE EMISSION
 . . . MILLIMETER WAVES
 . . . SUBMILLIMETER WAVES
 . . . SKY WAVES
 . . . WHISTLERS
RT ATMOSPHERICS
COHERENT ELECTROMAGNETIC
 RADIATION
 ELECTROMAGNETIC NOISE
 ELECTROMAGNETIC SURFACE WAVES
 EXTRATERRESTRIAL RADIATION
 FAR INFRARED RADIATION
 FREQUENCIES
 GROUND WAVE PROPAGATION
 MONOCHROMATIC RADIATION
 MULTIPATH TRANSMISSION
 NONTHERMAL RADIATION
 PLANETARY RADIATION
 POLARIZED ELECTROMAGNETIC
 RADIATION
 SCATTER PROPAGATION
 SOLAR RADIATION
 SOLITARY WAVES
 THERMAL RADIATION
 TRANSVERSE WAVES
 TRAVELING WAVES
 TROPOSPHERIC WAVES

RADIOMETEOROGRAPHS

GS MEASURING INSTRUMENTS
 . METEOROLOGICAL INSTRUMENTS
 . . . RADIOMETEOROGRAPHS
 . . . RADIO EQUIPMENT
 . . . RADIO TRANSMITTERS
 . . . RADIOMETEOROGRAPHS
 . . . RECORDING INSTRUMENTS
 . . . RADIOMETEOROGRAPHS
 . . . TRANSMITTERS
 . . . RADIO TRANSMITTERS
 . . . RADIOMETEOROGRAPHS
RT RADIO TELEMETRY
 RADIOSONDES

RADIOMETERS

GS MEASURING INSTRUMENTS
 . RADIATION MEASURING INSTRUMENTS
 . . . ACTINOMETERS
 . . . RADIOMETERS
 DICKE RADIOMETERS
 INFRARED DETECTORS
 INFRARED SCANNERS
 MICROWAVE RADIOMETERS
 PASSIVE L-BAND RADIOMETERS
 PRESSURE MODULATOR
 RADIOMETERS
 SPECTRORADIOMETERS

RADIOMETERS-(CONT.)

RT BOLOMETERS
 FOREST FIRE DETECTION
 HORIZON SCANNERS
 INFRARED PHOTOGRAPHY
 INFRARED TRACKING
 KNUDSEN GAGES
 PHOTOMETERS
 PYRANOMETERS
 RADIOMETRIC RESOLUTION
 SPECTROPHOTOMETERS
 THERMISTORS
 ULTRAVIOLET DETECTORS

RAE B

USE EXPLORER 49 SATELLITE

RAE 1

USE EXPLORER 49 SATELLITE

RAE 2

USE EXPLORER 49 SATELLITE

RAINBOWS

GS DISTRIBUTION (PROPERTY)
 . RADIATION DISTRIBUTION
 . . . DIFFRACTION PATTERNS
 . . . RAINBOWS
RT HALOS
 LIGHT TRANSMISSION
 RAIN

RAMAN EFFECT

USE RAMAN SPECTRA

RAMAN SCATTERING

USE RAMAN SPECTRA

RAMAN SPECTRA

UF RAMAN EFFECT
GS RAMAN SCATTERING
 SCATTERING
 . WAVE SCATTERING
 . . . ELECTROMAGNETIC SCATTERING
 . . . RAMAN SPECTRA
 . . . SPECTRA
 . . . MOLECULAR SPECTRA
 . . . RAMAN SPECTRA
 . . . RADIATION SPECTRA
 . . . ELECTROMAGNETIC SPECTRA
 . . . RAMAN SPECTRA
RT ABSORPTION SPECTRA
 EMISSION SPECTRA
 LIGHT (VISIBLE RADIATION)
 LINE SPECTRA
 MOLECULAR ROTATION
 NONLINEAR OPTICS
 VIBRATIONAL SPECTRA

RAMAN SPECTROSCOPY

UF COHERENT ANTI-STOKES RAMAN
 SPECTROSCOPY
GS SPECTROSCOPY
 . MOLECULAR SPECTROSCOPY
 . . . RAMAN SPECTROSCOPY
RT ASTRONOMICAL SPECTROSCOPY
 INFRARED SPECTROSCOPY
 LINE SPECTRA
 OPTOGALVANIC SPECTROSCOPY
 RAYLEIGH SCATTERING
 SPECTROSCOPIC ANALYSIS

RANGER BLOCK 3 TELEVISION SYSTEM

GS COMMUNICATION EQUIPMENT
 . SPACECRAFT TELEVISION
 . . . RANGER BLOCK 3 TELEVISION
 . . . SYSTEM
 . . . TELECOMMUNICATION
 . . . SPACECRAFT TELEVISION
 . . . RANGER BLOCK 3 TELEVISION
 . . . SYSTEM
 . . . TELEVISION SYSTEMS
 . . . SPACECRAFT TELEVISION
 . . . RANGER BLOCK 3 TELEVISION
 . . . SYSTEM
RT . . . SYSTEMS

RANGER LUNAR LANDING VEHICLES

GS LUNAR SPACECRAFT
 . LUNAR PROBES
 . . . RANGER LUNAR PROBES
 . . . RANGER LUNAR LANDING
 . . . VEHICLES
UNMANNED SPACECRAFT

RANGER LUNAR LANDING VEHICLES-(CONT.)

. SPACE PROBES
 . . . LUNAR PROBES
 . . . RANGER LUNAR PROBES
 . . . RANGER LUNAR LANDING
 . . . VEHICLES
RT BE-3 ENGINE
 . . . VEHICLES

RANGER LUNAR PROBES

UF RANGER SATELLITES
GS LUNAR SPACECRAFT
 . LUNAR PROBES
 . . . RANGER LUNAR PROBES
 . . . RANGER LUNAR LANDING
 . . . VEHICLES
 . . . RANGER 1 LUNAR PROBE
 . . . RANGER 2 LUNAR PROBE
 . . . RANGER 3 LUNAR PROBE
 . . . RANGER 4 LUNAR PROBE
 . . . RANGER 5 LUNAR PROBE
 . . . RANGER 6 LUNAR PROBE
 . . . RANGER 7 LUNAR PROBE
 . . . RANGER 8 LUNAR PROBE
 . . . RANGER 9 LUNAR PROBE
UNMANNED SPACECRAFT
 . SPACE PROBES
 . . . LUNAR PROBES
 . . . RANGER LUNAR PROBES
 . . . RANGER LUNAR LANDING
 . . . VEHICLES
 . . . RANGER 1 LUNAR PROBE
 . . . RANGER 2 LUNAR PROBE
 . . . RANGER 3 LUNAR PROBE
 . . . RANGER 4 LUNAR PROBE
 . . . RANGER 5 LUNAR PROBE
 . . . RANGER 6 LUNAR PROBE
 . . . RANGER 7 LUNAR PROBE
 . . . RANGER 8 LUNAR PROBE
 . . . RANGER 9 LUNAR PROBE
RT ATLAS AGENA B LAUNCH VEHICLE

RANGER PROJECT

GS PROGRAMS
 . NASA PROGRAMS
 . . . NASA SPACE PROGRAMS
 . . . RANGER PROJECT
 . . . AGENA B RANGER PROGRAM
 . . . PROJECTS
 . . . RANGER PROJECT
 . . . AGENA B RANGER PROGRAM
 . . . SPACE PROGRAMS
 . . . NASA SPACE PROGRAMS
 . . . RANGER PROJECT
 . . . AGENA B RANGER PROGRAM
RT AGENA B ROCKET VEHICLE
 AGENA ROCKET VEHICLES
 ATLAS LAUNCH VEHICLES
 LUNAR PHOTOGRAPHS
 LUNAR PHOTOGRAPHY
 LUNAR PROBES

RANGER SATELLITES

USE RANGER LUNAR PROBES

RANGER 1 LUNAR PROBE

GS LUNAR SPACECRAFT
 . LUNAR PROBES
 . . . RANGER LUNAR PROBES
 . . . RANGER 1 LUNAR PROBE
UNMANNED SPACECRAFT
 . SPACE PROBES
 . . . LUNAR PROBES
 . . . RANGER LUNAR PROBES
 . . . RANGER 1 LUNAR PROBE

RANGER 2 LUNAR PROBE

GS LUNAR SPACECRAFT
 . LUNAR PROBES
 . . . RANGER LUNAR PROBES
 . . . RANGER 2 LUNAR PROBE
UNMANNED SPACECRAFT
 . SPACE PROBES
 . . . LUNAR PROBES
 . . . RANGER LUNAR PROBES
 . . . RANGER 2 LUNAR PROBE

RANGER 3 LUNAR PROBE

GS LUNAR SPACECRAFT
 . LUNAR PROBES
 . . . RANGER LUNAR PROBES
 . . . RANGER 3 LUNAR PROBE
UNMANNED SPACECRAFT
 . SPACE PROBES
 . . . LUNAR PROBES

RANGER 4 LUNAR PROBE

RANGER 3 LUNAR PROBE-(CONT.)

... RANGER LUNAR PROBES
... RANGER 3 LUNAR PROBE

RANGER 4 LUNAR PROBE

GS LUNAR SPACECRAFT
... LUNAR PROBES
... RANGER LUNAR PROBES
... RANGER 4 LUNAR PROBE
UNMANNED SPACECRAFT
... SPACE PROBES
... LUNAR PROBES
... RANGER LUNAR PROBES
... RANGER 4 LUNAR PROBE
RT ATLAS AGENA B LAUNCH VEHICLE

RANGER 5 LUNAR PROBE

GS LUNAR SPACECRAFT
... LUNAR PROBES
... RANGER LUNAR PROBES
... RANGER 5 LUNAR PROBE
UNMANNED SPACECRAFT
... SPACE PROBES
... LUNAR PROBES
... RANGER LUNAR PROBES
... RANGER 5 LUNAR PROBE

RANGER 6 LUNAR PROBE

GS LUNAR SPACECRAFT
... LUNAR PROBES
... RANGER LUNAR PROBES
... RANGER 6 LUNAR PROBE
UNMANNED SPACECRAFT
... SPACE PROBES
... LUNAR PROBES
... RANGER LUNAR PROBES
... RANGER 6 LUNAR PROBE

RANGER 7 LUNAR PROBE

GS LUNAR SPACECRAFT
... LUNAR PROBES
... RANGER LUNAR PROBES
... RANGER 7 LUNAR PROBE
UNMANNED SPACECRAFT
... SPACE PROBES
... LUNAR PROBES
... RANGER LUNAR PROBES
... RANGER 7 LUNAR PROBE

RANGER 8 LUNAR PROBE

GS LUNAR SPACECRAFT
... LUNAR PROBES
... RANGER LUNAR PROBES
... RANGER 8 LUNAR PROBE
UNMANNED SPACECRAFT
... SPACE PROBES
... LUNAR PROBES
... RANGER LUNAR PROBES
... RANGER 8 LUNAR PROBE

RANGER 9 LUNAR PROBE

GS LUNAR SPACECRAFT
... LUNAR PROBES
... RANGER LUNAR PROBES
... RANGER 9 LUNAR PROBE
UNMANNED SPACECRAFT
... SPACE PROBES
... LUNAR PROBES
... RANGER LUNAR PROBES
... RANGER 9 LUNAR PROBE

RAY TRACING

RT DIFFRACTION
GEOMETRICAL OPTICS
GEOMETRICAL THEORY OF
DIFFRACTION
GRADIENT INDEX OPTICS
GRAZING INCIDENCE
OPTICAL MEASUREMENT
REFLECTANCE
TRACKING (POSITION)
TRANSMITTANCE

RCS STARS

USE R CORONAE BOREALIS STARS

REACTION JET BACKPACKS

USE SELF MANEUVERING UNITS

RED ARCS

GS ATMOSPHERIC RADIATION
... AURORAS
... AURORAL ARCS
... RED ARCS

RED ARCS-(CONT.)

RT ∞ ARCS
AURORAL IONIZATION

RED DWARF STARS

GS CELESTIAL BODIES
... STARS
... MAIN SEQUENCE STARS
... DWARF STARS
... RED DWARF STARS
RT HOT STARS
LATE STARS
STELLAR LUMINOSITY
STELLAR MAGNITUDE
SUBDWARF STARS
SUPERNOVA REMNANTS
WHITE DWARF STARS

RED GIANT STARS

GS CELESTIAL BODIES
... STARS
... GIANT STARS
... RED GIANT STARS
... CARBON STARS
RT ASYMPTOTIC GIANT BRANCH STARS
LATE STARS
M STARS
MIRA VARIABLES
S STARS
STELLAR EVOLUTION
STELLAR LUMINOSITY

RED SHIFT

RT COSMOLOGY
DOPPLER EFFECT
DOPPLER-FIZEAU EFFECT
GALAXIES
HUBBLE CONSTANT
HUBBLE DIAGRAM
IRREGULAR GALAXIES
RADIAL VELOCITY

REFERENCE STARS

GS CELESTIAL BODIES
... STARS
... REFERENCE STARS
RT ASTRONOMICAL COORDINATES
ASTRONOMICAL PHOTOGRAPHY
CELESTIAL NAVIGATION
NAVIGATION AIDS
SPACE NAVIGATION

REFLECTING TELESCOPES

GS TELESCOPES
... REFLECTING TELESCOPES
... STARSAT TELESCOPE
RT CASSEGRAIN OPTICS
MIRRORS
OPTICAL EQUIPMENT
OPTICAL MEASURING INSTRUMENTS
PARABOLOID MIRRORS
REFLECTORS
SCHMIDT TELESCOPES
SPECTROSCOPIC TELESCOPES
STRATOSCOPE TELESCOPES

REFLECTION NEBULAE

GS CELESTIAL BODIES
... NEBULAE
... REFLECTION NEBULAE
RT COSMIC DUST
INTERSTELLAR MATTER
LIGHT SCATTERING

REFRACTED RADIATION

USE REFRACTED WAVES

REFRACTED RAYS

USE REFRACTED WAVES

REFRACTED WAVES

UF REFRACTED RADIATION
REFRACTED RAYS
RT CORPUSCULAR RADIATION
EIKONAL EQUATION
ELASTIC WAVES
ELECTROMAGNETIC RADIATION
INCIDENT RADIATION
PHOTON BEAMS
REFLECTED WAVES
REFRACTION
 ∞ WAVES

REFRACTING TELESCOPES

GS TELESCOPES
... REFRACTING TELESCOPES
RT LENSES
OPTICAL EQUIPMENT
OPTICAL MEASURING INSTRUMENTS
SPECTROSCOPIC TELESCOPES
STRATOSCOPE TELESCOPES

REFRACTIVE INDEX

USE REFRACTIVITY

REFRACTIVITY

UF REFRACTIVE INDEX
GS ELECTROMAGNETIC PROPERTIES
... OPTICAL PROPERTIES
... REFRACTIVITY
RT ATMOSPHERIC REFRACTION
BIREFRINGENCE
BIREFRINGENT COATINGS
BIREFRINGENT FILTERS
BREWSTER ANGLE
GRADIENT INDEX OPTICS
ISOTROPISM
LIGHT (VISIBLE RADIATION)
OPACITY
OPTICAL THICKNESS
POLARIZATION (WAVES)
RATIOS
REFRACTION
REFRACTOMETERS
SNELLS LAW
UNDERWATER OPTICS

REGOLITH

GS ROCKS
... REGOLITH
RT BASALT
BEDROCK
BRECCIA
CARBONACEOUS ROCKS
COAL
EARTH MANTLE
EARTH RESOURCES
ENSTATITE
GEOLOGY
IGNEOUS ROCKS
LAVA
LITHOLOGY
LUNAR GEOLOGY
LUNAR MANTLE
LUNAR ROCKS
MAGMA
OLIVINE
PERIDOTITE
PYROXENES
ROCK INTRUSIONS
SELENOLOGY
STRATIGRAPHY

REISSNER-NORDSTROM SOLUTION

RT ASTRONOMICAL MODELS
BLACK HOLES (ASTRONOMY)
CHARGED PARTICLES
GRAVITATIONAL EFFECTS
RELATIVITY

RELATIVISTIC EFFECTS

RT DIMENSIONS
 ∞ EFFECTS
GRAVITATIONAL LENSES
MASS
RELATIVITY
TIME
VELOCITY

RELATIVISTIC PARTICLES

GS PARTICLES
... RELATIVISTIC PARTICLES
... RELATIVISTIC ELECTRON BEAMS
RT HAMILTON-JACOBI EQUATION

RELATIVISTIC PLASMAS

GS PARTICLES
... CHARGED PARTICLES
... ENERGETIC PARTICLES
... PLASMAS (PHYSICS)
... RELATIVISTIC PLASMAS
RT ASTRON THERMONUCLEAR REACTOR
BREMSSTRAHLUNG
COSMIC PLASMA
ELECTRON PLASMA
GRAVITATIONAL COLLAPSE
HIGH TEMPERATURE PLASMAS
PINCH EFFECT

RELATIVISTIC PLASMAS-(CONT.)

PLASMA JETS
PLASMA RADIATION
PLASMA-PARTICLE INTERACTIONS
PONDEROMOTIVE FORCES

RELATIVISTIC VELOCITY

GS RATES (PER TIME)
RELATIVISTIC VELOCITY
VELOCITY
RELATIVISTIC VELOCITY
RT HIGH SPEED
HYPERVELOCITY
LIGHT SPEED
PARTICLE MOTION

RELATIVITY

UF GEOMETRODYNAMICS
SPACE-TIME CONTINUUM
RT BIG BANG COSMOLOGY
CONTINUUMS
DIFFERENTIAL GEOMETRY
FIELD THEORY (PHYSICS)
GRAND UNIFIED THEORY
GRAVITATIONAL LENSES
GRAVITY PROBE B
INERTIAL REFERENCE SYSTEMS
LIGHT-CONE EXPANSION
LORENTZ CONTRACTION
NAKED SINGULARITIES
NONRELATIVISTIC MECHANICS
PARADOXES
PONDEROMOTIVE FORCES
QUANTUM MECHANICS
REISSNER-NORDSTROM SOLUTION
RELATIVISTIC EFFECTS
SCHWARZSCHILD METRIC
SPACE-TIME FUNCTIONS
STRING THEORY
SUPERGRAVITY
TENSOR ANALYSIS
UNIFIED FIELD THEORY

RELIC RADIATION

RT ASTRONOMY
ASTROPHYSICS
BACKGROUND RADIATION
BIG BANG COSMOLOGY
EXTRATERRESTRIAL RADIATION
RADIATION
UNIVERSE

RELIEF MAPS

GS MAPS
RELIEF MAPS
RT HYP SOGRAPHY
PHOTOGRAMMETRY
PHOTOMAPS
TOPOGRAPHY

RENDEZVOUS

GS RENDEZVOUS
SPACE RENDEZVOUS
ORBITAL RENDEZVOUS
EARTH ORBITAL RENDEZVOUS
LUNAR ORBITAL RENDEZVOUS
RT APOLLO SOYUZ TEST PROJECT
FLIGHT MECHANICS
INTERCEPTION
ORBITAL MECHANICS

RENDEZVOUS TRAJECTORIES

GS TRAJECTORIES
RENDEZVOUS TRAJECTORIES
RT ASCENT TRAJECTORIES
CIRCUMLUNAR TRAJECTORIES
EARTH ORBITAL RENDEZVOUS
EARTH-MOON TRAJECTORIES
FLIGHT MECHANICS
INTERPLANETARY TRAJECTORIES
ORBITAL MECHANICS
ORBITAL RENDEZVOUS
SPACE RENDEZVOUS
SPACECRAFT DOCKING
SPACECRAFT TRAJECTORIES

RESOLUTION

UF RESOLVING POWER
GS RESOLUTION
ANGULAR RESOLUTION
HIGH RESOLUTION
IMAGE RESOLUTION
RADAR RESOLUTION
RADIOMETRIC RESOLUTION
SPATIAL RESOLUTION

RESOLUTION-(CONT.)

SPECTRAL RESOLUTION
TEMPORAL RESOLUTION
RT ACCURACY
AUTOMATIC TRAFFIC ADVISORY AND
RESOLUTION
BLURRING
CHARACTER RECOGNITION
CONTRAST
DEFINITION
DYNAMIC CHARACTERISTICS
ERRORS
FOCI
HIGH RESOLUTION COVERAGE
ANTENNAS
IMAGE CONTRAST
IMAGE ENHANCEMENT
LEGIBILITY
LOCI
OPTICS
PERCEPTION
POWER
PRECISION
RESOLUTION CELL
SENSITIVITY
SPATIAL FILTERING
STARK EFFECT
THRESHOLDS
TOLERANCES (MECHANICS)
VISIBILITY
VISION

RESOLVING POWER

USE RESOLUTION

RETURN TO EARTH SPACE FLIGHT

GS SPACE FLIGHT
RETURN TO EARTH SPACE FLIGHT
RT INTERPLANETARY FLIGHT
MANNED MARS MISSIONS
SPACECRAFT REENTRY

RHEA (ASTRONOMY)

GS CELESTIAL BODIES
NATURAL SATELLITES
ICY SATELLITES
RHEA (ASTRONOMY)
SATURN SATELLITES
RHEA (ASTRONOMY)
RT SATURN (PLANET)
SOLAR SYSTEM

RIFT VALLEYS

USE VALLEYS

RILLS

USE VALLEYS

RINGS

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED-CONSULT THE TERMS
LISTED BELOW)
RT ANNULI
BODIES OF REVOLUTION
CIRCLES (GEOMETRY)
JUPITER RINGS
O RING SEALS
PLANETARY RINGS
REINFORCEMENT RINGS
RING STRUCTURES
RINGS (MATHEMATICS)
SATURN RINGS
STORAGE RINGS (PARTICLE
ACCELERATORS)
TOROIDAL PLASMAS
TORUSES
URANUS RINGS
VORTEX RINGS

ROCHE LIMIT

GS RANGE (EXTREMES)
ROCHE LIMIT
RT CELESTIAL MECHANICS
DIMENSIONAL STABILITY
GRAVITATION
NATURAL SATELLITES
ORBITS
ROTATING BODIES
TWO BODY PROBLEM

ROCKET SONDES

USE SOUNDING ROCKETS

ROCKET SOUNDING

GS SOUNDING
ROCKET SOUNDING
RT ACOUSTIC SOUNDING
ATMOSPHERIC SOUNDING
BARIUM ION CLOUDS
IONOSPHERIC SOUNDING
JUDI-DART ROCKET
MICROWAVE SOUNDING
SATELLITE SOUNDING
SOUNDING ROCKETS

ROCKET-BORNE PHOTOGRAPHY

GS IMAGERY
ROCKET-BORNE PHOTOGRAPHY
PHOTOGRAPHY
RT ROCKET-BORNE PHOTOGRAPHY
AERIAL PHOTOGRAPHY
ASTRONOMICAL PHOTOGRAPHY
BLACK AND WHITE PHOTOGRAPHY
PHOTOMAPPING
SATELLITE-BORNE PHOTOGRAPHY
SPACEBORNE PHOTOGRAPHY

ROCKS

UF STONES (ROCKS)
GS ROCKS
ANDESITE
ATAXITE
BEDROCK
BALTIC SHIELD (EUROPE)
BATHOLITHS
BRECCIA
GNEISS
IGNEOUS ROCKS
ANORTHOSITE
BASALT
DIORITE
DUNITE
ECLOGITE
FELSITE
GABBRO
GRANITE
OBSSIDIAN
MOLDAVITE
PERIDOTITE
PUMICE
RHYOLITE
SYENITE
TRACHYTE
LUNAR ROCKS
KREEP
METAMORPHIC ROCKS
QUARTZITE
REGOLITH
SCHIST
SEDIMENTARY ROCKS
CARBONACEOUS ROCKS
COAL
ANTHRACITE
LIGNITE
LIMESTONE
SANDSTONES
SHALES
SHATTER CONES
RT AGGREGATES
BAUXITE
BOREHOLES
CLAYS
CONTACTS (GEOLOGY)
CROSSBEDDING (GEOLOGY)
DIRT
DOLOMITE (MINERAL)
EARTH RESOURCES
EFFUSIVES
ENSTATITE
FOLDS (GEOLOGY)
FORMATIONS
GEOLOGY
GYPSUM
INLIERS (LANDFORMS)
KARST
LANDSLIDES
LATERITES
LAVA
LEDGES
LITHOLOGY
MAGMA
METAMORPHISM (GEOLOGY)
MINERALS
NUNATAKS
OLIVINE
OUTLIERS (LANDFORMS)
PALEOMAGNETISM
PETROGRAPHY

ROENTGEN SATELLITE

ROCKS-(CONT.)

PETROLOGY
PYROXENES
QUARTZ
REEFS
ROCK INTRUSIONS
ROCK MECHANICS
SERPENTINE
SOILS
STRATIGRAPHY
TUNNELING (EXCAVATION)

ROENTGEN SATELLITE

USE ROSAT MISSION

ROSAT MISSION

UF ROENTGEN SATELLITE
GS ARTIFICIAL SATELLITES
... ROSAT MISSION
OBSERVATORIES
... ASTRONOMICAL OBSERVATORIES
... ROSAT MISSION
RT ASTRONOMICAL SATELLITES
INTERNATIONAL COOPERATION
SPACEBORNE ASTRONOMY
SPACEBORNE TELESCOPES
X RAY ASTRONOMY
X RAY SOURCES
X RAY TELESCOPES

ROTATING

USE ROTATION

ROTATING BODIES

UF ROTATING VEHICLES
SOLID ROTATION
GS ROTATING BODIES
... LUNAR ROTATION
... ROTATING CYLINDERS
... ROTATING DISKS
... ROTATING SPHERES
... ROTORS
... COMPRESSOR ROTORS
... FLYWHEELS
... IMPELLERS
... PUMP IMPELLERS
... ROTARY WINGS
... CIRCULATION CONTROL ROTORS
... LIFTING ROTORS
... BEARINGLESS ROTORS
... RIGID ROTORS
... TILTING ROTORS
... TIP DRIVEN ROTORS
... X WING ROTORS
... TAIL ROTORS
... HELICOPTER TAIL ROTORS
... TIP VANES
... TURBINE WHEELS
RT AXES OF ROTATION
... BODIES
PLANETARY ROTATION
ROCHE LIMIT
ROTARY GYROSCOPES
ROTARY STABILITY
ROTATION
SPINNING UNGUIDED ROCKET
TRAJECTORY

ROTATING MATTER

RT DEGENERATE MATTER
MATTER (PHYSICS)
ROTATION
SPIN DYNAMICS

ROTATING VEHICLES

USE ROTATING BODIES
VEHICLES

ROTATION

UF ROTATING
WHIRL
WHIRLING
GYRATION
GS ROTATION
... AUTOROTATION
... COROTATION
... COUNTER ROTATION
... EARTH ROTATION
... MOLECULAR ROTATION
... MUON SPIN ROTATION
... PLANETARY ROTATION
... SATELLITE ROTATION
... STELLAR ROTATION
... SOLAR ROTATION
RT ANGULAR ACCELERATION

ROTATION-(CONT.)

ANGULAR VELOCITY
AXES OF ROTATION
CIRCULATION
CORIOLIS EFFECT
CROSS POLARIZATION
FARADAY EFFECT
IMAGE ROTATION
LIBRATION
... MOTION
NUTATION
PITCH (INCLINATION)
POLARIZATION (SPIN ALIGNMENT)
POLARIZATION (WAVES)
PRECESSION
REVOLVING
ROLL
ROTARY STABILITY
ROTATING BODIES
ROTATING LIQUIDS
ROTATING MATTER
ROTONS
TORQUE
VORTEX AVOIDANCE
VORTICES
YAW

ROUND TRIP TRAJECTORIES

GS TRAJECTORIES
... ROUND TRIP TRAJECTORIES
... CIRCUMLUNAR TRAJECTORIES
RT EARTH-MOON TRAJECTORIES
INTERORBITAL TRAJECTORIES
INTERPLANETARY FLIGHT
INTERPLANETARY TRAJECTORIES
MOON-EARTH TRAJECTORIES
ORBITAL MECHANICS
SPACECRAFT TRAJECTORIES
SWINGBY TECHNIQUE

ROVING VEHICLES

UF EXTRATERRESTRIAL ROVING VEHICLES
GS SURFACE VEHICLES
... ROVING VEHICLES
... LUNAR ROVING VEHICLES
... LUNOKHOD LUNAR ROVING
VEHICLES
RT PLANETARY LANDING
PLANETARY SURFACES
RESEARCH VEHICLES
TOROIDAL WHEELS
... VEHICLES

RYDBERG SERIES

GS SPECTRA
... RADIATION SPECTRA
... ELECTROMAGNETIC SPECTRA
... LINE SPECTRA
... RYDBERG SERIES
RT ABSORPTION SPECTRA
ATOMIC SPECTRA
ELECTRON TRANSITIONS
EMISSION SPECTRA
H LINES
HYDROGEN

S

S STARS

GS CELESTIAL BODIES
... STARS
... LATE STARS
... COOL STARS
... S STARS
RT ASYMPTOTIC GIANT BRANCH STARS
GIANT STARS
M STARS
MIRA VARIABLES
RED GIANT STARS

S-16 SATELLITE

USE OSO-1

S-17 SATELLITE

USE OSO-2

S-18 SATELLITE

USE OAO

S-57 SATELLITE

USE OSO-C

S-74 SATELLITE

USE EXPLORER 18 SATELLITE

SAGITTARIUS CONSTELLATION

GS CONSTELLATIONS
... SAGITTARIUS CONSTELLATION

SALYUT SPACE STATION

GS ARTIFICIAL SATELLITES
... SPACE STATIONS
... SALYUT SPACE STATION
MANNED SPACECRAFT
... SALYUT SPACE STATION
SOVIET SPACECRAFT
... SALYUT SPACE STATION
STATIONS
... SPACE STATIONS
... SALYUT SPACE STATION
RT SOYUZ SPACECRAFT
SPACE BASES
SPACE LABORATORIES
SPACECRAFT DOCKING
U.S.S.R. SPACE PROGRAM

SAS

UF SMALL ASTRONOMY SATELLITES
GS OBSERVATORIES
... ASTRONOMICAL OBSERVATORIES
... ASTRONOMICAL SATELLITES
... SAS
... EXPLORER 53 SATELLITE
... SAS-1
... SAS-2
... SAS-3
RT EXPLORER 48 SATELLITE
UHURU SATELLITE

SAS-D

USE IUE

SAS-1

UF SMALL ASTRONOMY SATELLITE 1
GS OBSERVATORIES
... ASTRONOMICAL OBSERVATORIES
... ASTRONOMICAL SATELLITES
... SAS
... SAS-1
RT RADIO ASTRONOMY
SPACEBORNE ASTRONOMY

SAS-2

UF SMALL ASTRONOMY SATELLITE 2
GS OBSERVATORIES
... ASTRONOMICAL OBSERVATORIES
... ASTRONOMICAL SATELLITES
... SAS
... SAS-2
RT EXPLORER 48 SATELLITE
RADIO ASTRONOMY
SPACEBORNE ASTRONOMY

SAS-3

UF SMALL ASTRONOMY SATELLITE 3
GS OBSERVATORIES
... ASTRONOMICAL OBSERVATORIES
... ASTRONOMICAL SATELLITES
... SAS
... SAS-3
RT EXPLORER 53 SATELLITE
RADIO ASTRONOMY
SPACEBORNE ASTRONOMY
X RAY ASTRONOMY

SATAN (SENSOR)

USE TERRAIN ANALYSIS

SATELLITE ATMOSPHERES

GS ENVIRONMENTS
... EXTRATERRESTRIAL ENVIRONMENTS
... SATELLITE ATMOSPHERES
... LUNAR ATMOSPHERE
RT ATMOSPHERES
ATMOSPHERIC CHEMISTRY
ATMOSPHERIC COMPOSITION
ATMOSPHERIC PHYSICS
EARTH ATMOSPHERE
EARTH IONOSPHERE
EARTH MAGNETOSPHERE
IONOSPHERIC COMPOSITION
MAGNETOPAUSE
NATURAL SATELLITES
PLANETARY ATMOSPHERES
STELLAR ATMOSPHERES
TITAN

SEASONS

SATellite ATMOSPHERES-(CONT.)

TRITON
UPPER ATMOSPHERE

SATellite DESIGN

GS SPACECRAFT DESIGN
 . SATellite DESIGN
RT COMPUTER AIDED DESIGN
 DESIGN
 INDIAN SPACE PROGRAM
 JAPANESE SPACE PROGRAM
 PRODUCT DEVELOPMENT
 SPACECRAFT STRUCTURES
 STRUCTURAL DESIGN
 SYSTEMS ENGINEERING

SATellite MANEUVERS

USE SPACECRAFT MANEUVERS

SATellite ORBIT CALCULATION

USE ORBIT CALCULATION

SATellite SURFACES

SN (RESTRICTED TO NATURAL SATELLITES)
GS SATellite SURFACES
 . LUNAR SURFACE
RT CRATERS
 ICY SATELLITES
 MERCURY SURFACE
 NATURAL SATELLITES
 SURFACES
 TERRAIN ANALYSIS

SATellite-BORNE INSTRUMENTS

GS MEASURING INSTRUMENTS
 . SATellite-BORNE INSTRUMENTS
 . AMPS (SATELLITE PAYLOAD)
RT AMPTE (SATELLITES)
 DIAL SATELLITE
 INFRARED RADIOMETERS
 INSTRUMENT PACKAGES
 INSTRUMENTS
 OPEN PROJECT
 PARTICLE TELESCOPES
 RADIATION DETECTORS
 REMOTE SENSORS
 SINGLE EVENT UPSETS
 SOLAR BACKSCATTER UV
 SPECTROMETER
 VISIBLE INFRARED SPIN SCAN
 RADIOMETER

SATURN (PLANET)

GS CELESTIAL BODIES
 . PLANETS
 . GAS GIANT PLANETS
 . SATURN (PLANET)
RT DIONE
 ENCCELADUS
 HYPERION
 IAPETUS
 JANUS
 MIMAS
 PHOEBE
 RHEA (ASTRONOMY)
 SATURN
 TETHYS
 TITAN

SATURN ATMOSPHERE

GS ENVIRONMENTS
 . EXTRATERRESTRIAL ENVIRONMENTS
 . PLANETARY ENVIRONMENTS
 . PLANETARY ATMOSPHERES
 . SATURN ATMOSPHERE
RT ATMOSPHERIC COMPOSITION
 PLANETARY IONOSPHERES
 PLANETARY RADIATION

SATURN PROJECT

GS PROGRAMS
 . NASA PROGRAMS
 . NASA SPACE PROGRAMS
 . SATURN PROJECT
 . PROJECTS
 . SATURN PROJECT
 . SPACE PROGRAMS
 . NASA SPACE PROGRAMS
 . SATURN PROJECT
RT APOLLO APPLICATIONS PROGRAM
 APOLLO SPACECRAFT
 CENTAUR LAUNCH VEHICLE
 LAUNCH VEHICLES
 LUNAR LAUNCH
 PEGASUS SATELLITES

SATURN PROJECT-(CONT.)

RIFF (REACTOR IN FLIGHT TEST)
VOYAGER PROJECT

SATURN RINGS

GS CELESTIAL BODIES
 . PLANETARY RINGS
 . SATURN RINGS
RT GAS GIANT PLANETS
 JUPITER RINGS
 NATURAL SATELLITES
 PLANETARY ATMOSPHERES
 PLANETARY COMPOSITION
 PLANETARY SURFACES
 PLANETARY TEMPERATURE
 PLANETOLOGY
 PLANETS
 RINGS
 SOLAR SYSTEM
 URANUS RINGS

SATURN SATELLITES

GS CELESTIAL BODIES
 . NATURAL SATELLITES
 . SATURN SATELLITES
 . DIONE
 . ENCELADUS
 . HYPERION
 . IAPETUS
 . JANUS
 . MIMAS
 . PHOEBE
 . RHEA (ASTRONOMY)
 . TETHYS
 . TITAN
RT ICY SATELLITES

SATURN WORKSHOPS

GS ARTIFICIAL SATELLITES
 . ORBITAL WORKSHOPS
 . SATURN WORKSHOPS
 . SATURN 1 WORKSHOP
 . SATURN 5 WORKSHOP
 MANNED SPACECRAFT
 . ORBITAL WORKSHOPS
 . SATURN WORKSHOPS
 . SATURN 1 WORKSHOP
 . SATURN 5 WORKSHOP
RT AIRLOCK MODULES
 APOLLO APPLICATIONS PROGRAM
 APOLLO PROJECT
 MULTIPLE DOCKING ADAPTERS
 SKYLAB PROGRAM
 SPACE STATIONS

SAUDI ARABIAN SPACE PROGRAM

GS PROGRAMS
 . SPACE PROGRAMS
 . SAUDI ARABIAN SPACE PROGRAM
RT ARABSAT
 ARCOMSAT
 SAUDI ARABIA
 SPACE SHUTTLE MISSION 51-G

SCALE MODELS

GS MODELS
 . SCALE MODELS
RT AERODYNAMIC CONFIGURATIONS
 AIRCRAFT MODELS
 REYNOLDS EQUATION
 SCALING LAWS
 SEMISPAN MODELS
 SIMILARITY THEOREM
 SIMILITUDE LAW
 SPACECRAFT MODELS
 WIND TUNNEL MODELS

SCARPS

USE ESCARPMENTS

SCHMIDT CAMERAS

GS OPTICAL EQUIPMENT
 . CAMERAS
 . SCHMIDT CAMERAS
 PHOTOGRAPHIC EQUIPMENT
 . CAMERAS
 . SCHMIDT CAMERAS
RT ASTRONOMICAL PHOTOGRAPHY
 BAKER-NUNN CAMERA
 TELESCOPES

SCHMIDT TELESCOPES

GS TELESCOPES
 . SCHMIDT TELESCOPES
RT REFLECTING TELESCOPES

SCHREIBERSITE

GS IRON COMPOUNDS
 . SCHREIBERSITE
 MINERALS
 . SCHREIBERSITE
 NICKEL COMPOUNDS
 . SCHREIBERSITE
 PHOSPHORUS COMPOUNDS
 . PHOSPHIDES
 . SCHREIBERSITE
RT IRON METEORITES
 METEORITIC COMPOSITION
 STONY METEORITES

SCHWARZSCHILD METRIC

RT BIMETRIC THEORIES
 COORDINATE TRANSFORMATIONS
 ESCAPE VELOCITY
 GRAVITATIONAL FIELDS
 IONIZATION
 LIGHT SPEED
 ORBITALS
 ORBITS
 RELATIVITY

SCHWASSMANN-WACHMANN COMET

GS CELESTIAL BODIES
 . COMETS
 . SCHWASSMANN-WACHMANN COMET

SCINTILLATION

RT GLINT
 PHOSPHORESCENCE

SCINTILLATION COUNTERS

UF SCINTILLATORS
 SCINTILLOMETERS
GS MEASURING INSTRUMENTS
 . COUNTERS
 . RADIATION COUNTERS
 . SCINTILLATION COUNTERS
 . RADIATION MEASURING INSTRUMENTS
 . RADIATION COUNTERS
 . SCINTILLATION COUNTERS
RT CERENKOV COUNTERS
 NEUTRON COUNTERS
 PARTICLE TELESCOPES
 PHOTOMULTIPLIER TUBES
 PHOTOPEAK

SCINTILLATORS

USE SCINTILLATION COUNTERS

SCINTILLOMETERS

USE SCINTILLATION COUNTERS

SCORPIO CONSTELLATION

USE SCORPIUS CONSTELLATION

SCORPIUS CONSTELLATION

UF SCORPIO CONSTELLATION
GS CONSTELLATIONS
 . SCORPIUS CONSTELLATION
RT ZODIAC

SCUTUM CONSTELLATION

GS CONSTELLATIONS
 . SCUTUM CONSTELLATION
RT ZODIAC

SEARCH FOR EXTRATERRESTRIAL INTELLIGENCE

USE PROJECT SETI

SEASONAL VARIATIONS

USE ANNUAL VARIATIONS

SEASONS

GS SEASONS
 . AUTUMN
 . SPRING (SEASON)
 . SUMMER
 . WINTER
RT ANNUAL VARIATIONS
 CLIMATOLOGY
 CROP CALENDARS
 EQUINOXES
 METEOROLOGY
 SOLAR POSITION
 SOLSTICES
 WEATHER
 WIND VARIATIONS

SECONDARY COSMIC RAYS

SECONDARY COSMIC RAYS

UF MOLIERE FORMULA
GS IONIZING RADIATION
 . COSMIC RAYS
 . SECONDARY COSMIC RAYS
RT ATMOSPHERIC RADIATION
COSMIC RAY ALBEDO
COSMIC RAY SHOWERS
ELECTRON DECAY RATE
ELECTRON PHOTON CASCADES
ELECTRON PRECIPITATION
PRIMARY COSMIC RAYS
SINGLE EVENT UPSETS

SEISMOLOGY

GS SEISMOLOGY
 . HELIOSEISMOLOGY
 . MOONQUAKES
RT CRUSTAL FRACTURES
EARTH MOVEMENTS
EARTHQUAKE DAMAGE
EARTHQUAKES
GEOLOGY
GEOPHYSICS
ISOSTASY
LARGE APERTURE SEISMIC ARRAY
LUNAR GEOLOGY
ROUSE BELTS
 . SCIENCE
 SEISMIC WAVES
SUBDUCTION (GEOLOGY)
TIDAL WAVES

SELENOGRAPHY

RT GEOGRAPHY
LUNAR CRATERS
LUNAR CRUST
LUNAR LANDING SITES
LUNAR MAPS
LUNAR MOBILE LABORATORIES
LUNAR RAYS
LUNAR ROCKS
LUNAR TOPOGRAPHY
MOON
SELENOLOGY
SURFACE PROPERTIES

SELENOLOGY

RT ASTRONOMY
LUNAR COMPOSITION
LUNAR CORE
LUNAR CRATERS
LUNAR CRUST
LUNAR DUST
LUNAR ECHOES
LUNAR ECLIPSES
LUNAR EFFECTS
LUNAR ENVIRONMENT
LUNAR EQUATOR
LUNAR EVOLUTION
LUNAR EXPLORATION
LUNAR FAR SIDE
LUNAR FIGURE
LUNAR GEOLOGY
LUNAR GRAVITATION
LUNAR GRAVITATIONAL EFFECTS
LUNAR LIMB
LUNAR LUMINESCENCE
LUNAR MAGNETIC FIELDS
LUNAR MANTLE
LUNAR MARIA
LUNAR OCCULTATION
LUNAR PHASES
LUNAR RADAR ECHOES
LUNAR RADIATION
LUNAR ROCKS
LUNAR ROTATION
LUNAR SEISMOGRAPHS
LUNAR SHADOW
LUNAR SOIL
LUNAR SURFACE
LUNAR TEMPERATURE
LUNAR TIDES
LUNAR TOPOGRAPHY
MOON
MOONQUAKES
REGOLITH
SELENOGRAPHY

SELF DEPLOYING SPACE STATIONS

USE SELF ERECTING DEVICES
SPACE STATIONS

SELF MANEUVERING UNITS

UF PERSONNEL PROPULSION SYSTEMS
REACTION JET BACKPACKS
SMU (MANEUVERING UNITS)
SPACE SELF MANEUVERING UNITS
GS SELF MANEUVERING UNITS
 . IMLSS
RT ASTRONAUT MANEUVERING EQUIPMENT
EXTRAVEHICULAR ACTIVITY
EXTRAVEHICULAR MOBILITY UNITS
MANEUVERS
MANNED MANEUVERING UNITS

SEMIREGULAR VARIABLE STARS

GS CELESTIAL BODIES
 . STARS
 . VARIABLE STARS
 . SEMIREGULAR VARIABLE STARS
RT IRREGULAR VARIABLE STARS
PERIODIC VARIATIONS

SEPAC (PAYLOAD)

UF SPACE EXPER WITH PARTICLE
ACCELERATORS
GS PAYLOADS
 . SEPAC (PAYLOAD)
RT ACCELERATORS
PARTICLE ACCELERATORS
SPACELAB

SETI

USE PROJECT SETI

SEXTANTS

GS MEASURING INSTRUMENTS
 . OPTICAL MEASURING INSTRUMENTS
 . SEXTANTS
 OPTICAL EQUIPMENT
 . OPTICAL MEASURING INSTRUMENTS
 . SEXTANTS
RT NAVIGATION AIDS
POSITION INDICATORS
STADIMETERS
THEODOLITES
TRANSITS

SEYFERT GALAXIES

GS CELESTIAL BODIES
 . GALAXIES
 . ACTIVE GALAXIES
 . SEYFERT GALAXIES
RT ACTIVE GALACTIC NUCLEI
GALACTIC NUCLEI
INFRARED RADIATION
LINE SPECTRA
LUMINOUS INTENSITY
MARKARIAN GALAXIES
SPIRAL GALAXIES
STELLAR SPECTRA
ULTRAVIOLET RADIATION

SHADOWS

GS SHADOWS
 . LUNAR SHADOW
 . PENUMBRAS
RT CLOUD COVER
CLOUDS (METEOROLOGY)
DARKNESS
ILLUMINATING
LIGHT (VISIBLE RADIATION)
NIGHT
SELF SHADOWING
UMBRAS

SHORT WAVE RADIATION

SN (RADIO WAVES)
GS ELECTROMAGNETIC RADIATION
 . RADIO WAVES
 . SHORT WAVE RADIATION
 . MICROWAVES
 . CENTIMETER WAVES
 . DECIMETER WAVES
 . MICROWAVE EMISSION
 . MILLIMETER WAVES
 . SUBMILLIMETER WAVES
RT FAR INFRARED RADIATION
HIGH FREQUENCIES
LONG WAVE RADIATION
MONOCHROMATIC RADIATION
 . RADIATION

SHOWERS

SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)

SHOWERS-(CONT.)

RT COSMIC RAY SHOWERS
FLOOD PREDICTIONS
METEOROID SHOWERS
RAIN
RAIN FORESTS
RAINSTORMS

SID (IONOSPHERIC DISTURBANCES)

USE SUDDEN IONOSPHERIC DISTURBANCES

SIDEREAL TIME

GS TIME
 . SIDEREAL TIME
RT ASTRONOMY
EARTH ROTATION
STELLAR MOTIONS
TIME MEASUREMENT
UNITS OF MEASUREMENT

SIDERITE METEORITES

USE IRON METEORITES

SIGMA ORIONIS

GS CELESTIAL BODIES
 . STARS
 . DOUBLE STARS
 . BINARY STARS
 . SIGMA ORIONIS
 . EARLY STARS
 . HOT STARS
 . B STARS
 . SIGMA ORIONIS
 . PECULIAR STARS
 . SIGMA ORIONIS
RT ORION CONSTELLATION
STELLAR SYSTEMS

SIKHOTE-ALIN METEORITE

GS CELESTIAL BODIES
 . METEORITES
 . IRON METEORITES
 . SIKHOTE-ALIN METEORITE

SINGLE EVENT UPSETS

GS RADIATION EFFECTS
 . SINGLE EVENT UPSETS
RT ASTRONICS
AVIONICS
CHARGED PARTICLES
COSMIC RAYS
ELECTRON-HOLE DROPS
INNER RADIATION BELT
IONIZATION
MICROELECTRONICS
RADIATION DAMAGE
RADIATION DOSAGE
SATELLITE-BORNE INSTRUMENTS
SECONDARY COSMIC RAYS
SPACECRAFT CHARGING
SPACECRAFT ELECTRONIC EQUIPMENT

SIRTF

USE SPACE INFRARED TELESCOPE FACILITY

SKY

GS SKY
 . NIGHT SKY
RT CLOUD COVER
CLOUDS (METEOROLOGY)
DAYGLOW
RAYLEIGH SCATTERING
SUNLIGHT

SKY BRIGHTNESS

GS ELECTROMAGNETIC PROPERTIES
 . OPTICAL PROPERTIES
 . SKY BRIGHTNESS
RT AIRGLOW
AURORAS
BRIGHTNESS
CLOUD COVER
DAYTIME
GEGENSCHN
GLARE
LIGHT (VISIBLE RADIATION)
LIGHT EMISSION
LUMINANCE
NIGHT
NIGHT SKY
NIGHTGLOW
SOLAR RADIATION
SUNLIGHT
ZODIACAL LIGHT

SOLAR ACTIVITY

SKY RADIATION

GS ATMOSPHERIC RADIATION
 . SKY RADIATION
 . . AIRGLOW
 . . . GEOCORONAL EMISSIONS
 . . . NIGHTGLOW
 . . . TWILIGHT GLOW
 . . DAYGLOW
 ELECTROMAGNETIC RADIATION
 . LIGHT (VISIBLE RADIATION)
 . . SKY RADIATION
 . . . AIRGLOW
 GEOCORONAL EMISSIONS
 NIGHTGLOW
 TWILIGHT GLOW
 . . . DAYGLOW
 RT BACKGROUND RADIATION
 PYRANOMETERS
 ∞ RADIATION
 STRATOSPHERE RADIATION
 SUNLIGHT
 THERMAL RADIATION
 TROPOSPHERIC RADIATION

SKY SURVEYS (ASTRONOMY)

GS OBSERVATION
 . SKY SURVEYS (ASTRONOMY)
 SURVEYS
 . SKY SURVEYS (ASTRONOMY)
 RT ASTRONOMICAL CATALOGS
 ASTRONOMY
 INDEXES (DOCUMENTATION)
 NORTHERN SKY
 SOUTHERN SKY

SKY WAVES

GS ELECTROMAGNETIC RADIATION
 . RADIO WAVES
 . . SKY WAVES
 . . . WHISTLERS
 RT GROUND WAVE PROPAGATION
 IONOSPHERIC NOISE

SKYLAB SPACE STATION (UNMANNED)

USE SKYLAB 1

SKYLAB 1

UF SKYLAB SPACE STATION (UNMANNED)
 SL 1
 GS ARTIFICIAL SATELLITES
 . ORBITAL WORKSHOPS
 . . SKYLAB 1
 . . SPACE STATIONS
 . . . SKYLAB 1
 LABORATORIES
 . SPACE LABORATORIES
 . . MANNED ORBITAL LABORATORIES
 . . . SKYLAB 1
 MANNED SPACECRAFT
 . MANNED ORBITAL LABORATORIES
 . . SKYLAB 1
 . . ORBITAL WORKSHOPS
 . . . SKYLAB 1
 STATIONS
 . SPACE STATIONS
 . . SKYLAB 1
 RT AIRLOCK MODULES
 COMMAND SERVICE MODULES
 EREP
 MULTIPLE DOCKING ADAPTERS
 SPACE MISSIONS

SKYLAB 2

UF SL 2
 GS ARTIFICIAL SATELLITES
 . ORBITAL WORKSHOPS
 . . SKYLAB 2
 . . SPACE STATIONS
 . . . SKYLAB 2
 LABORATORIES
 . SPACE LABORATORIES
 . . MANNED ORBITAL LABORATORIES
 . . . SKYLAB 2
 MANNED SPACECRAFT
 . MANNED ORBITAL LABORATORIES
 . . SKYLAB 2
 . . ORBITAL WORKSHOPS
 . . . SKYLAB 2
 STATIONS
 . SPACE STATIONS
 . . SKYLAB 2
 RT AIRLOCK MODULES
 COMMAND SERVICE MODULES
 EREP
 MULTIPLE DOCKING ADAPTERS

SKYLAB 2-(CONT.)

SATURN 1B LAUNCH VEHICLES
 SATURN 5 LAUNCH VEHICLES
 SPACE MISSIONS

SKYLAB 3

UF SL 3
 GS ARTIFICIAL SATELLITES
 . ORBITAL WORKSHOPS
 . . SKYLAB 3
 . . SPACE STATIONS
 . . . SKYLAB 3
 LABORATORIES
 . SPACE LABORATORIES
 . . MANNED ORBITAL LABORATORIES
 . . . SKYLAB 3
 MANNED SPACECRAFT
 . MANNED ORBITAL LABORATORIES
 . . SKYLAB 3
 . . ORBITAL WORKSHOPS
 . . . SKYLAB 3
 STATIONS
 . SPACE STATIONS
 . . SKYLAB 3
 RT AIRLOCK MODULES
 COMMAND SERVICE MODULES
 EREP
 MULTIPLE DOCKING ADAPTERS
 SATURN 1B LAUNCH VEHICLES
 SATURN 5 LAUNCH VEHICLES
 SPACE MISSIONS

SKYLAB 4

UF SL 4
 GS ARTIFICIAL SATELLITES
 . ORBITAL WORKSHOPS
 . . SKYLAB 4
 . . SPACE STATIONS
 . . . SKYLAB 4
 LABORATORIES
 . SPACE LABORATORIES
 . . MANNED ORBITAL LABORATORIES
 . . . SKYLAB 4
 MANNED SPACECRAFT
 . MANNED ORBITAL LABORATORIES
 . . SKYLAB 4
 . . ORBITAL WORKSHOPS
 . . . SKYLAB 4
 STATIONS
 . SPACE STATIONS
 . . SKYLAB 4
 RT AIRLOCK MODULES
 COMMAND SERVICE MODULES
 EREP
 MULTIPLE DOCKING ADAPTERS
 SATURN 1B LAUNCH VEHICLES
 SATURN 5 LAUNCH VEHICLES
 SPACE MISSIONS

SL 1

USE SKYLAB 1

SL 2

USE SKYLAB 2

SL 3

USE SKYLAB 3

SL 4

USE SKYLAB 4

SMALL ASTRONOMY SATELLITE 1

USE SAS-1

SMALL ASTRONOMY SATELLITE 2

USE SAS-2

SMALL ASTRONOMY SATELLITE 3

USE SAS-3

SMALL ASTRONOMY SATELLITES

USE SAS

SMM-A

USE SOLAR MAXIMUM MISSION-A

SMU (MANEUVERING UNITS)

USE SELF MANEUVERING UNITS

SOFT LANDING

SN (SPACECRAFT OR AIRCRAFT)
 UF SOFT RECOVERY
 GS LANDING
 . SOFT LANDING

SOFT LANDING-(CONT.)

RT AIRCRAFT LANDING
 ∞ ASTRONAUTICS
 CRASH LANDING
 GLIDE LANDINGS
 HARD LANDING
 HORIZONTAL SPACECRAFT LANDING
 LUNAR LANDING
 MARS LANDING
 PLANETARY LANDING
 SPACECRAFT LANDING
 SURVEYOR PROJECT
 VIKING 75 ENTRY VEHICLE
 WATER LANDING

SOFT RECOVERY

USE SOFT LANDING

SOILS

GS SOILS
 . ALLUVIUM
 . DIRT
 . GRAVELS
 . LATERITES
 . LUNAR SOIL
 . . LUNAR DUST
 . MUD
 . PERMAFROST
 . SANDS
 . . MONAZITE SANDS
 . . TAR SANDS
 RT ANDESITE
 ANORTHOSITE
 ATAXITE
 BARREN LAND
 BASALT
 BEDROCK
 BENTONITE
 BOREHOLES
 BRECCIA
 CARBONACEOUS ROCKS
 CLAYS
 COAL
 CONSERVATION
 CULTIVATION
 DELTAS
 DIORITE
 DUNITE
 EARTH RESOURCES
 ECLOGITE
 ENSTATITE
 FORMATIONS
 GEOLOGY
 GNEISS
 GRANITE
 IGNEOUS ROCKS
 !LITE
 KAOLINITE
 LAND
 LANDSLIDES
 LAVA
 LIMESTONE
 LYSIMETERS
 MAGMA
 MINERALS
 MOLDAVITE
 MUSKEGS
 OBSIDIAN
 OLIVINE
 PERIDOTITE
 PLANTING
 POLYURETHANE FOAM
 POROUS MATERIALS
 PUMICE
 PYROXENES
 QUARTZ
 ROCKS
 SANDSTONES
 SEDIMENTARY ROCKS
 SERPENTINE
 SHALES
 SOIL EROSION
 SOIL MAPPING
 SOIL MOISTURE
 SOIL SCIENCE
 STRIP MINING
 SYENITE
 TRACHYTE
 TUNNELING (EXCAVATION)
 VADOSE WATER
 VEGETATION GROWTH

SOLAR ACTIVITY

GS STELLAR ACTIVITY
 . SOLAR ACTIVITY

SOLAR ACTIVITY EFFECTS

SOLAR ACTIVITY-(CONT.)

. . . FACULAE
 . . . SOLAR PROMINENCES
 . . . SOLAR STORMS
 . . . SPICULES
 . . . STELLAR FLARES
 . . . SOLAR FLARES
 . . . SUNSPOTS
 RT ∞ ACTIVITY
 AURORAS
 ∞ DISTURBANCES
 INTERNATIONAL QUIET SUN YEAR
 IRIS SATELLITES
 MAGNETIC DISTURBANCES
 PROMINENCES
 RADIO AURORAS
 SOLAR INTERIOR
 SOLAR PLANETARY INTERACTIONS
 STARSPTS
 SUN
 SUNSPOT CYCLE

SOLAR ACTIVITY EFFECTS

RT BLACKOUT (PROPAGATION)
 ∞ EFFECTS
 GALACTIC COSMIC RAYS
 HELIOSPHERE
 MAGNETIC DISTURBANCES
 SECULAR VARIATIONS
 SOLAR OSCILLATIONS
 SOLAR PLANETARY INTERACTIONS
 SUDDEN IONOSPHERIC DISTURBANCES
 SUDDEN STORM COMMENCEMENTS
 SUN

SOLAR ATMOSPHERE

GS ENVIRONMENTS
 . . . EXTRATERRESTRIAL ENVIRONMENTS
 . . . STELLAR ATMOSPHERES
 . . . SOLAR ATMOSPHERE
 RT ∞ ATMOSPHERES
 CHROMOSPHERE
 M REGION
 PHOTOSPHERE
 SOLAR OSCILLATIONS
 SPICULES
 STELLAR STRUCTURE
 SUN

SOLAR AZIMUTH

USE AZIMUTH
 SOLAR POSITION

SOLAR COMPANION STAR

USE NEMESIS (STAR)

SOLAR CONSTANT

GS CONSTANTS
 . . . SOLAR CONSTANT
 RATES (PER TIME)
 FLUX DENSITY
 . . . RADIANT FLUX DENSITY
 . . . IRRADIANCE
 . . . SOLAR CONSTANT
 . . . SOLAR FLUX DENSITY
 . . . SOLAR CONSTANT
 RT ILLUMINANCE
 PARTICLE FLUX DENSITY
 SUN

SOLAR CORONA

UF SOLAR NEBULA
 GS CORONAS
 . . . STELLAR CORONAS
 . . . SOLAR CORONA
 . . . CORONAL HOLES
 . . . CORONAL LOOPS
 RT CHROMOSPHERE
 ELECTRIC CORONA
 MAGNETIC CLOUDS
 NEBULAE
 STELLAR STRUCTURE
 SUN

SOLAR CORPUSCULAR RADIATION

UF SOLAR STREAMS
 GS EXTRATERRESTRIAL RADIATION
 . . . SOLAR RADIATION
 . . . SOLAR CORPUSCULAR RADIATION
 . . . SOLAR ELECTRONS
 . . . SOLAR NEUTRINOS
 . . . SOLAR NEUTRONS
 . . . SOLAR PROTONS
 PARTICLES
 CORPUSCULAR RADIATION

SOLAR CORPUSCULAR RADIATION-(CONT.)

. . . SOLAR CORPUSCULAR RADIATION
 . . . SOLAR ELECTRONS
 . . . SOLAR NEUTRONS
 . . . SOLAR PROTONS
 RT M REGION
 ∞ RADIATION
 SOLAR PLANETARY INTERACTIONS
 SUDDEN STORM COMMENCEMENTS
 SUN

SOLAR COSMIC RAYS

GS EXTRATERRESTRIAL RADIATION
 . . . PRIMARY COSMIC RAYS
 . . . SOLAR COSMIC RAYS
 . . . SOLAR RADIATION
 . . . SOLAR COSMIC RAYS
 IONIZING RADIATION
 COSMIC RAYS
 . . . PRIMARY COSMIC RAYS
 . . . SOLAR COSMIC RAYS
 PARTICLES
 CORPUSCULAR RADIATION
 . . . PRIMARY COSMIC RAYS
 . . . SOLAR COSMIC RAYS
 RT ELECTRON ACCELERATION
 ENERGETIC PARTICLES
 GRIST (TELESCOPE)
 SUN

SOLAR CYCLES

GS CYCLES
 . . . SOLAR CYCLES
 . . . SUNSPOT CYCLE
 RT INTERNATIONAL QUIET SUN YEAR
 IRIS SATELLITES
 SECULAR VARIATIONS
 SUN
 SUNSPOTS
 TWENTY-SEVEN DAY VARIATION

SOLAR DIAMETER

RT ASTROMETRY
 ∞ SCIENCE
 SOLAR ECLIPSES

SOLAR DISK

USE SUN

SOLAR DYNAMICS

USE HELIOSEISMOLOGY

SOLAR ECLIPSES

GS ECLIPSES
 . . . SOLAR ECLIPSES
 OCCULTATION
 . . . LUNAR OCCULTATION
 . . . SOLAR ECLIPSES
 RT LUNAR SHADOW
 SOLAR DIAMETER
 SUN

SOLAR ELECTRONS

GS EXTRATERRESTRIAL RADIATION
 . . . SOLAR RADIATION
 . . . SOLAR CORPUSCULAR RADIATION
 . . . SOLAR ELECTRONS
 PARTICLES
 CORPUSCULAR RADIATION
 . . . SOLAR CORPUSCULAR RADIATION
 . . . SOLAR ELECTRONS
 RT SUN

SOLAR FACULAE

USE FACULAE

SOLAR FLARES

GS STELLAR ACTIVITY
 . . . SOLAR ACTIVITY
 . . . STELLAR FLARES
 . . . SOLAR FLARES
 RT CORONAL LOOPS
 FLARE STARS
 ∞ FLARES
 ∞ FLASH
 FORBUSH DECREASES
 FORCE-FREE MAGNETIC FIELDS
 IRIS SATELLITES
 MAGNETIC DISTURBANCES
 SOLAR MAXIMUM MISSION
 SOLAR NEUTRONS
 SUDDEN STORM COMMENCEMENTS
 SUN
 SUNSPOTS

SOLAR FLUX

SN (LIMITED TO ENERGY OR PARTICLES
 EMITTED FROM THE SUN PER UNIT
 TIME-SEE SOLAR FLUX DENSITY FOR
 ENERGY OR PARTICLE EMISSION OR
 DETECTION RATE PER UNIT AREA)
 GS RATES (PER TIME)
 FLUX (RATE)
 . . . SOLAR FLUX
 RT HEAT FLUX
 LIMB BRIGHTENING
 SUN

SOLAR FLUX DENSITY

SN (LIMITED TO SOLAR ENERGY OR
 PARTICLE EMISSION OR DETECTION
 RATE UNIT AREA-SEE SOLAR FLUX
 FOR EMISSION RATE PER UNIT TIME)
 GS RATES (PER TIME)
 FLUX DENSITY
 . . . RADIANT FLUX DENSITY
 . . . SOLAR FLUX DENSITY
 . . . SOLAR CONSTANT
 RT ELECTRON FLUX DENSITY
 HELIOS SATELLITES
 ILLUMINANCE
 IRRADIANCE
 LIMB BRIGHTENING
 LUMINANCE
 LUMINOUS INTENSITY
 PARTICLE FLUX DENSITY
 PROTON FLUX DENSITY
 RADIANCE
 RADIANCY
 RADIATION PRESSURE
 SUN

SOLAR GRANULATION

GS PHOTOSPHERE
 . . . SOLAR GRANULATION
 RT BENARD CELLS
 BRIGHTNESS DISTRIBUTION
 CONVECTION CURRENTS
 LIMB BRIGHTENING
 SUN
 SURFACE LAYERS
 TEMPERATURE EFFECTS

SOLAR GRAVITATION

UF EJECTION
 GS GRAVITATION
 . . . STELLAR GRAVITATION
 . . . SOLAR GRAVITATION
 RT SUN

SOLAR INSTRUMENTS

GS SOLAR INSTRUMENTS
 . . . SPECTROHELIOGRAPHS
 RT CELESTIAL
 FILTERGRAMS
 OPTICAL MEASURING INSTRUMENTS
 RADIATION MEASURING INSTRUMENTS
 SOLAR OPTICAL TELESCOPE
 SPECTROMETERS
 SUN
 TELESCOPES

SOLAR INTERIOR

GS STELLAR INTERIORS
 . . . SOLAR INTERIOR
 RT HELIOSEISMOLOGY
 SOLAR ACTIVITY
 SOLAR PHYSICS
 STELLAR CORES
 STELLAR STRUCTURE
 SUN

SOLAR LIMB

RT CORONAL LOOPS
 LIMB BRIGHTENING
 LIMB DARKENING
 ∞ LIMBS
 PLANETARY LIMB
 SUN

SOLAR LONGITUDE

GS LONGITUDE
 . . . SOLAR LONGITUDE
 RT ASTRONOMICAL COORDINATES
 CELESTIAL REFERENCE SYSTEMS
 SUN

SOLAR MAGNETIC FIELD

UF HELIOMAGNETISM
 GS MAGNETIC FIELDS

SOLAR RADIATION

SOLAR MAGNETIC FIELD-(CONT.)

STELLAR MAGNETIC FIELDS
SOLAR MAGNETIC FIELD
RT ELECTROMAGNETIC FIELDS
FORCE-FREE MAGNETIC FIELDS
INTERPLANETARY MAGNETIC FIELDS
MAGNETIC FIELD RECONNECTION
SUN

SOLAR MAXIMUM MISSION

GS SPACE MISSIONS
SOLAR MAXIMUM MISSION
SOLAR MAXIMUM MISSION-A
RT FLARES
FLUX DENSITY
GAMMA RAY SPECTROMETERS
MISSIONS
MULTIMISSIION MODULAR SPACECRAFT
POLARIMETERS
PROGRAMS
SOLAR FLARES
SPACE PROGRAMS
SUN
ULTRAVIOLET SPECTROMETERS
ULYSSES MISSION

SOLAR MAXIMUM MISSION-A

UF SMM-A
GS SPACE MISSIONS
SOLAR MAXIMUM MISSION
SOLAR MAXIMUM MISSION-A
RT MISSIONS
SPACE EXPLORATION
SPACECRAFT
SUN

SOLAR MESOSPHERE EXPLORER

GS ARTIFICIAL SATELLITES
SCIENTIFIC SATELLITES
EXPLORER SATELLITES
SOLAR MESOSPHERE EXPLORER
RT ATMOSPHERIC COMPOSITION
MESOSPHERE
OZONE
SUN

SOLAR NEBULA

USE SOLAR CORONA

SOLAR NEIGHBORHOOD

RT ASTRONOMY
CELESTIAL BODIES
LOCAL GROUP (ASTRONOMY)
MILKY WAY GALAXY
NEMESIS (STAR)
SOLAR SYSTEM
STAR CLUSTERS
STARS
SUN

SOLAR NEUTRINOS

GS EXTRATERRESTRIAL RADIATION
SOLAR RADIATION
SOLAR CORPUSCULAR RADIATION
SOLAR NEUTRINOS
PARTICLES
ELEMENTARY PARTICLES
FERMIONS
LEPTONS
NEUTRINOS
SOLAR NEUTRINOS
RT ASTRONOMICAL MODELS
ASTROPHYSICS
NUCLEAR REACTIONS
STELLAR MODELS
SUN

SOLAR NEUTRONS

GS EXTRATERRESTRIAL RADIATION
SOLAR RADIATION
SOLAR CORPUSCULAR RADIATION
SOLAR NEUTRONS
PARTICLES
CORPUSCULAR RADIATION
SOLAR CORPUSCULAR RADIATION
SOLAR NEUTRONS
ELEMENTARY PARTICLES
FERMIONS
NEUTRONS
SOLAR NEUTRONS
NEUTRAL PARTICLES
NEUTRONS
SOLAR NEUTRONS
RT NEUTRON FLUX DENSITY
SOLAR FLARES

SOLAR NOISE

USE SOLAR RADIO EMISSION

SOLAR OBLATENESS

RT OBLATE SPHEROIDS
SUN

SOLAR OBSERVATORIES

GS OBSERVATORIES
SOLAR OBSERVATORIES
OSO
OSO
OSO-C
OSO-1
OSO-2
OSO-3
OSO-4
OSO-5
OSO-6
OSO-7
OSO-8
PINHOLE OCCULTER FACILITY
RT CORONAGRAPHS
SUN

SOLAR OPTICAL TELESCOPE

UF SOT
GS TELESCOPES
SPACEBORNE TELESCOPES
SOLAR OPTICAL TELESCOPE
RT SOLAR INSTRUMENTS
SOLAR PHYSICS

SOLAR ORBITS

SN (RESTRICTED TO ORBITS AROUND THE
SUN)
UF HELIOCENTRIC ORBITS
PLANETARY MOTION
GS ORBITS
SOLAR ORBITS
APHELIONS
PERIHELIONS
RT CIRCULAR ORBITS
EARTH MOTION
ECLIPTIC
ELLIPTICAL ORBITS
HEOS SATELLITES
INTERPLANETARY TRAJECTORIES
MOTION
ORBITAL RESONANCES (CELESTIAL
MECHANICS)
PROTOPLANETS
SPACECRAFT ORBITS
SUN
TRANSFER ORBITS

SOLAR OSCILLATIONS

GS OSCILLATIONS
STELLAR OSCILLATIONS
SOLAR OSCILLATIONS
STELLAR MOTIONS
STELLAR OSCILLATIONS
SOLAR OSCILLATIONS
RT ASTRONOMICAL MODELS
ATMOSPHERIC MODELS
CATAclysmic VARIABLES
SOLAR ACTIVITY EFFECTS
SOLAR ATMOSPHERE
STELLAR MODELS
SUN
VARIABLE STARS

SOLAR PARALLAX

GS PARALLAX
SOLAR PARALLAX
RT ASTRONOMY
STELLAR PARALLAX
SUN

SOLAR PHYSICS

GS ASTROPHYSICS
STELLAR PHYSICS
SOLAR PHYSICS
RT FILTERGRAMS
HELIOSEISMOLOGY
INTERNATIONAL QUIET SUN YEAR
PHOTOSPHERE
PHYSICS
PLASMAS (PHYSICS)
SCIENCE
SOLAR INTERIOR
SOLAR OPTICAL TELESCOPE
SPARTAN SATELLITES
SUN

SOLAR PLANETARY INTERACTIONS

GS SOLAR PLANETARY INTERACTIONS
SOLAR TERRESTRIAL INTERACTIONS
RT EARTH MAGNETOSPHERE
MAGNETIC DISTURBANCES
MAGNETOSHEATH
PLANETARY ATMOSPHERES
PLANETARY MAGNETIC FIELDS
PLANETARY MAGNETOSPHERES
PLASMA INTERACTIONS
SOLAR ACTIVITY
SOLAR ACTIVITY EFFECTS
SOLAR CORPUSCULAR RADIATION
SOLAR WIND
SOLAR WIND VELOCITY

SOLAR PLASMA (RADIATION)

USE SOLAR WIND

SOLAR POSITION

UF SOLAR AZIMUTH
GS POSITION (LOCATION)
SOLAR POSITION
RT ASTROLABES
CELESTIAL NAVIGATION
EQUINOXES
SEASONS
SOLSTICES
SUN
ZENITH

SOLAR PROBES

GS UNMANNED SPACECRAFT
SPACE PROBES
SOLAR PROBES
HELIOS A
HELIOS B
HELIOS 1
HELIOS 2
STARPROBE SPACECRAFT
SUNBLAZER SPACE PROBE
RT HELIOS PROJECT
PIONEER SPACE PROBES
SUN
ULYSSES MISSION

SOLAR PROMINENCES

UF FILAMENTS (SOLAR PHYSICS)
GS PROMINENCES
SOLAR PROMINENCES
STELLAR ACTIVITY
SOLAR ACTIVITY
SOLAR PROMINENCES
RT CHROMOSPHERE
SUN

SOLAR PROTONS

GS EXTRATERRESTRIAL RADIATION
SOLAR RADIATION
SOLAR CORPUSCULAR RADIATION
SOLAR PROTONS
PARTICLES
CHARGED PARTICLES
PROTONS
SOLAR PROTONS
CORPUSCULAR RADIATION
SOLAR CORPUSCULAR RADIATION
SOLAR PROTONS
ELEMENTARY PARTICLES
FERMIONS
PROTONS
SOLAR PROTONS
RT BARYONS
SUN

SOLAR RADAR ECHOES

GS ECHOES
RADAR ECHOES
SOLAR RADAR ECHOES
RT SUN

SOLAR RADIATION

GS EXTRATERRESTRIAL RADIATION
SOLAR RADIATION
CIRCUMSOLAR RADIATION
SOLAR CORPUSCULAR RADIATION
SOLAR ELECTRONS
SOLAR NEUTRINOS
SOLAR NEUTRONS
SOLAR PROTONS
SOLAR COSMIC RAYS
SOLAR RADIO EMISSION
SOLAR RADIO BURSTS
TYPE 2 BURSTS
TYPE 3 BURSTS

SOLAR RADIATION 1 SATELLITE

SOLAR RADIATION-(CONT.)

- ... TYPE 4 BURSTS
- ... TYPE 5 BURSTS
- ... SOLAR WIND
- ... SOLAR X-RAYS
- ... SUNLIGHT
- RT AEROSPACE ENVIRONMENTS
- ALBEDO
- ATMOSPHERIC REFRACTION
- CIRCUMSOLAR TELESCOPES
- CLIMATOLOGY
- CLOUD COVER
- CORPUSCULAR RADIATION
- COSMIC NOISE
- COSMIC RAYS
- DAYGLOW
- ELECTROMAGNETIC RADIATION
- EXTREME ULTRAVIOLET RADIATION
- GEGENSCHEIN
- INFRARED RADIATION
- INSOLATION
- IONIZING RADIATION
- IRIS SATELLITES
- LIGHT (VISIBLE RADIATION)
- LONG WAVE RADIATION
- LONGITUDINAL WAVES
- ∞ RADIATION
- RADIATION BELTS
- RADIATION PRESSURE
- RADIATIVE TRANSFER
- RADIO WAVES
- RECTENNAS
- SKY BRIGHTNESS
- SOLAR-PUMPED LASERS
- STELLAR RADIATION
- SUN
- THERMAL RADIATION
- ULTRAVIOLET RADIATION
- ZODIACAL LIGHT

SOLAR RADIATION 1 SATELLITE

- GS ARTIFICIAL SATELLITES
- ... SOLAR RADIATION 1 SATELLITE
- RT GALACTIC RADIATION
- ∞ RADIATION
- SUN

SOLAR RADIATION 3 SATELLITE

- GS ARTIFICIAL SATELLITES
- ... SOLAR RADIATION 3 SATELLITE
- RT GALACTIC RADIATION
- ∞ RADIATION
- SUN

SOLAR RADIO BURSTS

- GS BURSTS
- ... RADIO BURSTS
- ... SOLAR RADIO BURSTS
- ... TYPE 2 BURSTS
- ... TYPE 3 BURSTS
- ... TYPE 4 BURSTS
- ... TYPE 5 BURSTS
- ELECTROMAGNETIC RADIATION
- RADIO WAVES
- ... EXTRATERRESTRIAL RADIO WAVES
- ... RADIO BURSTS
- ... SOLAR RADIO BURSTS
- ... TYPE 2 BURSTS
- ... TYPE 3 BURSTS
- ... TYPE 4 BURSTS
- ... TYPE 5 BURSTS
- SOLAR RADIO EMISSION
- ... SOLAR RADIO BURSTS
- ... TYPE 2 BURSTS
- ... TYPE 3 BURSTS
- ... TYPE 4 BURSTS
- ... TYPE 5 BURSTS
- RADIO EMISSION
- ... RADIO BURSTS
- ... SOLAR RADIO BURSTS
- ... TYPE 2 BURSTS
- ... TYPE 3 BURSTS
- ... TYPE 4 BURSTS
- ... TYPE 5 BURSTS
- SOLAR RADIO EMISSION
- ... SOLAR RADIO BURSTS
- ... TYPE 2 BURSTS
- ... TYPE 3 BURSTS
- ... TYPE 4 BURSTS
- ... TYPE 5 BURSTS
- EMISSION
- ... RADIO EMISSION
- ... RADIO BURSTS
- ... SOLAR RADIO BURSTS
- ... TYPE 2 BURSTS

SOLAR RADIO BURSTS-(CONT.)

- ... TYPE 3 BURSTS
- ... TYPE 4 BURSTS
- ... TYPE 5 BURSTS
- ... SOLAR RADIO EMISSION
- ... SOLAR RADIO BURSTS
- ... TYPE 2 BURSTS
- ... TYPE 3 BURSTS
- ... TYPE 4 BURSTS
- ... TYPE 5 BURSTS
- EXTRATERRESTRIAL RADIATION
- ... EXTRATERRESTRIAL RADIO WAVES
- ... RADIO BURSTS
- ... SOLAR RADIO BURSTS
- ... TYPE 2 BURSTS
- ... TYPE 3 BURSTS
- ... TYPE 4 BURSTS
- ... TYPE 5 BURSTS
- SOLAR RADIO EMISSION
- ... SOLAR RADIO BURSTS
- ... TYPE 2 BURSTS
- ... TYPE 3 BURSTS
- ... TYPE 4 BURSTS
- ... TYPE 5 BURSTS
- SOLAR RADIATION
- ... SOLAR RADIO EMISSION
- ... SOLAR RADIO BURSTS
- ... TYPE 2 BURSTS
- ... TYPE 3 BURSTS
- ... TYPE 4 BURSTS
- ... TYPE 5 BURSTS
- RT SUN

SOLAR RADIO EMISSION

- UF SOLAR NOISE
- SOLAR RADIO WAVES
- GS ELECTROMAGNETIC RADIATION
- RADIO WAVES
- ... EXTRATERRESTRIAL RADIO WAVES
- ... SOLAR RADIO EMISSION
- ... SOLAR RADIO BURSTS
- ... TYPE 2 BURSTS
- ... TYPE 3 BURSTS
- ... TYPE 4 BURSTS
- ... TYPE 5 BURSTS
- RADIO EMISSION
- ... SOLAR RADIO EMISSION
- ... SOLAR RADIO BURSTS
- ... TYPE 2 BURSTS
- ... TYPE 3 BURSTS
- ... TYPE 4 BURSTS
- ... TYPE 5 BURSTS
- EMISSION
- ... RADIO EMISSION
- ... SOLAR RADIO EMISSION
- ... SOLAR RADIO BURSTS
- ... TYPE 2 BURSTS
- ... TYPE 3 BURSTS
- ... TYPE 4 BURSTS
- ... TYPE 5 BURSTS
- EXTRATERRESTRIAL RADIATION
- ... EXTRATERRESTRIAL RADIO WAVES
- ... SOLAR RADIO EMISSION
- ... SOLAR RADIO BURSTS
- ... TYPE 2 BURSTS
- ... TYPE 3 BURSTS
- ... TYPE 4 BURSTS
- ... TYPE 5 BURSTS
- SOLAR RADIATION
- ... SOLAR RADIO EMISSION
- ... SOLAR RADIO BURSTS
- ... TYPE 2 BURSTS
- ... TYPE 3 BURSTS
- ... TYPE 4 BURSTS
- ... TYPE 5 BURSTS
- RT CORONAL HOLES
- COSMIC NOISE
- DECIMETER WAVES
- ELECTROMAGNETIC NOISE
- MILLIMETER WAVES
- RADIO BURSTS

SOLAR RADIO WAVES

- USE SOLAR RADIO EMISSION

SOLAR ROTATION

- UF CARRINGTON ROTATION
- GS GYRATION
- ... ROTATION
- ... STELLAR ROTATION
- ... SOLAR ROTATION
- STELLAR MOTIONS
- ... STELLAR ROTATION
- ... SOLAR ROTATION
- RT SUN

SOLAR ROTATION-(CONT.)

TWENTY-SEVEN DAY VARIATION

SOLAR SEISMOLOGY

- USE HELIOSEISMOLOGY

SOLAR SENSORS

- UF SUN SENSORS
- RT ATTITUDE CONTROL
- GUIDANCE SENSORS
- IRIS SATELLITES
- NAVIGATION AIDS
- NAVIGATION INSTRUMENTS
- STAR TRACKERS
- SUN
- TRACKING (POSITION)

SOLAR SIMULATION

- GS SIMULATION
- ... SOLAR SIMULATION
- RT SPACE ENVIRONMENT SIMULATION
- SUN
- THERMAL SIMULATION

SOLAR SIMULATORS

- GS SIMULATORS
- ... ENVIRONMENT SIMULATORS
- ... SOLAR SIMULATORS
- RT SPACE SIMULATORS
- SUN
- TEST FACILITIES

SOLAR SPECTRA

- GS SPECTRA
- ... RADIATION SPECTRA
- ... ELECTROMAGNETIC SPECTRA
- ... STELLAR SPECTRA
- ... SOLAR SPECTRA
- RT ABSORPTION SPECTRA
- ASTRONOMICAL SPECTROSCOPY
- CONTINUOUS SPECTRA
- CORONAS
- D LINES
- EMISSION SPECTRA
- FILTERGRAMS
- FRAUNHOFER LINES
- H ALPHA LINE
- H BETA LINE
- H GAMMA LINE
- H LINES
- INFRARED SPECTRA
- LINE SPECTRA
- LYMAN SPECTRA
- MOLECULAR SPECTRA
- OXYGEN SPECTRA
- SUN
- ULTRAVIOLET SPECTRA
- VISIBLE SPECTRUM
- X RAY SPECTRA

SOLAR SPECTROMETERS

- GS MEASURING INSTRUMENTS
- ... RADIATION MEASURING INSTRUMENTS
- ... ACTINOMETERS
- ... SOLAR SPECTROMETERS
- ... SPECTROMETERS
- ... SOLAR SPECTROMETERS
- RT ABSORPTION SPECTRA
- EMISSION SPECTRA
- FILTER WHEEL INFRARED
- SPECTROMETERS
- INFRARED SPECTROMETERS
- SPECTROHELIOGRAPHS
- SUN
- ULTRAVIOLET SPECTROMETERS

SOLAR STORMS

- GS STELLAR ACTIVITY
- ... SOLAR ACTIVITY
- ... SOLAR STORMS
- STORMS
- ... SOLAR STORMS
- RT FORBUSH DECREASES
- IONOSPHERIC STORMS
- MAGNETIC STORMS
- NOISE STORMS
- SUN

SOLAR STREAMS

- USE SOLAR CORPUSCULAR RADIATION

SOLAR SYSTEM

- GS CELESTIAL BODIES
- ... SOLAR SYSTEM

SPACE DETECTION AND TRACKING SYSTEM

SOLAR SYSTEM-(CONT.)

PLANETARY SYSTEMS
 . SOLAR SYSTEM
 RT AMALTHEA
 AMOR ASTEROID
 APOLLO ASTEROIDS
 AREND-ROLAND COMET
 ASTEROID BELTS
 ASTEROID CAPTURE
 ASTEROIDS
 CELESTIAL MECHANICS
 CHARON
 CHIRON
 COMET HEADS
 COMET NUCLEI
 COMET TAILS
 COMETS
 EARTH-MOON SYSTEM
 GAS GIANT PLANETS
 GRIGG-SKJELLERUP COMET
 HALLEY'S COMET
 IRAS-ARAKI-ALCOCK COMET
 JUPITER SATELLITES
 KOHOOTEK COMET
 MERCURY SURFACE
 METEORIODS
 NATURAL SATELLITES
 OORT CLOUD
 PLANETARY GEOLOGY
 PLANETS
 PROTOPLANETS
 RHEA (ASTRONOMY)
 SATURN RINGS
 SOLAR NEIGHBORHOOD
 SUN
 ∞ SYSTEMS
 TEMPEL 2 COMET
 TERRESTRIAL PLANETS
 TORO ASTEROID
 VENUS SURFACE
 VESTA ASTEROID
 VOYAGER 1977 MISSION
 WEST COMET

SOLAR TEMPERATURE

GS TEMPERATURE
 . SOLAR TEMPERATURE
 RT SUN

SOLAR TERRESTRIAL INTERACTIONS

GS SOLAR PLANETARY INTERACTIONS
 . SOLAR TERRESTRIAL INTERACTIONS
 RT CORPUSCULAR RADIATION
 EARTH MAGNETOSPHERE
 ∞ FLARES
 ∞ INTERACTIONS
 INTERNATIONAL
 GEOSPHERE-BIOSPHERE PROGRAM
 MAGNETIC DISTURBANCES
 MAGNETIC STORMS
 MAGNETOSHEATH
 STORMS
 SUN
 SUNSPOTS
 WEATHER

SOLAR VELOCITY

GS RATES (PER TIME)
 . SOLAR VELOCITY
 VELOCITY
 . SOLAR VELOCITY
 RT SUN

SOLAR WIND

UF SOLAR PLASMA (RADIATION)
 GS EXTRATERRESTRIAL RADIATION
 . SOLAR RADIATION
 . SOLAR WIND
 PARTICLES
 . CHARGED PARTICLES
 . ENERGETIC PARTICLES
 . . . PLASMAS (PHYSICS)
 SPACE PLASMAS
 SOLAR WIND
 RT AMPTE (SATELLITES)
 CHAPMAN-FERRARO PROBLEM
 COMET TAILS
 CORONAL HOLES
 COSMIC PLASMA
 GALACTIC COSMIC RAYS
 GRIGG-SKJELLERUP COMET
 HELIOSPHERE
 HYDROGEN PLASMA
 INTERPLANETARY GAS
 INTERPLANETARY MEDIUM

SOLAR WIND-(CONT.)

M REGION
 MAGNETIC CLOUDS
 MAGNETOPAUSE
 MAGNETOSHEATH
 PLASMAPAUSE
 ∞ RADIATION
 RADIATION PRESSURE
 SOLAR PLANETARY INTERACTIONS
 STELLAR WINDS
 SUN

SOLAR WIND VELOCITY

GS RATES (PER TIME)
 . FLOW VELOCITY
 . . SOLAR WIND VELOCITY
 . WIND VELOCITY
 . . SOLAR WIND VELOCITY
 VELOCITY
 . FLOW VELOCITY
 . . SOLAR WIND VELOCITY
 . WIND VELOCITY
 . . SOLAR WIND VELOCITY
 RT ALPHA PARTICLES
 EARTH MAGNETOSPHERE
 MAGNETIC DISTURBANCES
 MAGNETOHYDRODYNAMIC FLOW
 SOLAR PLANETARY INTERACTIONS
 STELLAR WINDS
 SUN
 VELOCITY MEASUREMENT

SOLAR X-RAYS

GS ELECTROMAGNETIC RADIATION
 . X RAYS
 . . SOLAR X-RAYS
 EXTRATERRESTRIAL RADIATION
 . SOLAR RADIATION
 . . SOLAR X-RAYS
 IONIZING RADIATION
 . X RAYS
 . . SOLAR X-RAYS
 RT CORONAL HOLES
 SUN

SOLID ROTATION

USE ROTATING BODIES

SOLSTICES

RT EQUINOXES
 SEASONS
 SOLAR POSITION
 SUMMER
 WINTER

SOT

USE SOLAR OPTICAL TELESCOPE

SOUNDING ROCKETS

UF METEOROLOGICAL ROCKETS
 ROCKET SONDES
 GS ROCKET VEHICLES
 . SOUNDING ROCKETS
 . . AEROBEE ROCKET VEHICLE
 . . ANTARES ROCKET VEHICLE
 . . APACHE ROCKET VEHICLE
 . . ARCAS ROCKET VEHICLES
 . . ARIES SOUNDING ROCKET
 . . ASP ROCKET VEHICLE
 . . ASTROBEE ROCKET VEHICLES
 . . . ASTROBEE 1500 ROCKET VEHICLE
 . . BLACK BRANT SOUNDING ROCKETS
 . . . BLACK BRANT 1 SOUNDING
 ROCKET
 . . . BLACK BRANT 2 SOUNDING
 ROCKET
 . . . BLACK BRANT 3 SOUNDING
 ROCKET
 . . . BLACK BRANT 4 SOUNDING
 ROCKET
 . . . BLACK BRANT 5 SOUNDING
 ROCKET
 . . CAJUN ROCKET VEHICLE
 . . DORNIER PARAGLIDER ROCKET
 VEHICLE
 . . EXOS SOUNDING ROCKET
 . . JAGUAR ROCKET VEHICLE
 . . JUDI-DART ROCKET
 . . KAPPA ROCKET VEHICLES
 . . . KAPPA 8 ROCKET VEHICLE
 . . . KAPPA 9 ROCKET VEHICLE
 . . LAMBDA ROCKET VEHICLES
 . . LOKI ROCKET VEHICLE
 . . PETREL SOUNDING ROCKET
 . . PHOENIX SOUNDING ROCKET

SOUNDING ROCKETS-(CONT.)

. . SKUA ROCKET VEHICLES
 . . SKYLARK ROCKET VEHICLE
 . . VENUS FLY TRAP ROCKET VEHICLE
 . . VERONIQUE ROCKET VEHICLES
 . . VERTICAL 8 ROCKET
 . . WASP SOUNDING ROCKET
 RT ACOUSTIC SOUNDING
 ARGO ROCKET VEHICLES
 IONOSONDES
 JAVELIN ROCKET VEHICLE
 METEOROLOGICAL INSTRUMENTS
 METEOROLOGICAL SATELLITES
 NIKE-JAVELIN ROCKET VEHICLE
 PAYLOAD CONTROL
 RADIOSONDES
 ROCKET SOUNDING
 SONDES
 VIKING ROCKET VEHICLE

SOUTHERN SKY

RT ASTRONOMICAL CATALOGS
 ASTRONOMICAL OBSERVATORIES
 ASTRONOMICAL PHOTOGRAPHY
 ASTRONOMICAL SPECTROSCOPY
 ASTRONOMY
 NORTHERN SKY
 SKY SURVEYS (ASTRONOMY)
 SOUTHERN HEMISPHERE

∞ SPACE

SN (USE OF A MORE SPECIFIC TERM IS
 RECOMMENDED-CONSULT THE TERMS
 LISTED BELOW)
 RT ALGEBRA
 ANALYSIS (MATHEMATICS)
 CARTAN SPACE
 CISELUNAR SPACE
 DEEP SPACE
 FRACTALS
 FUNCTION SPACE
 HYPERSPACES
 SET THEORY
 SPATIAL DEPENDENCIES

SPACE BIOLOGY

USE EXOBIOLOGY

SPACE CHARGE

GS ELECTRIC CHARGE
 . SPACE CHARGE
 RT BUNCHING
 CHILD-LANGMUIR LAW
 ELECTRIC DISCHARGES
 ELECTRON CLOUDS
 LANDAU DAMPING
 MAGNETOHYDRODYNAMICS
 NONOHMIC EFFECT
 ORBITRONS
 PERVEANCE
 PLASMAS (PHYSICS)
 STATIC ELECTRICITY

SPACE DENSITY

GS DENSITY (MASS/VOLUME)
 . SPACE DENSITY
 DENSITY (NUMBER/VOLUME)
 . SPACE DENSITY
 RT ATMOSPHERIC DENSITY
 ELECTRON DENSITY (CONCENTRATION)
 ION DENSITY (CONCENTRATION)
 PARTICLE DENSITY (CONCENTRATION)
 PLASMA DENSITY
 PLASMA INTERACTION EXPERIMENT
 PROTON DENSITY (CONCENTRATION)

SPACE DETECTION AND TRACKING SYSTEM

UF SPADATS (TRACKING SYSTEM)
 GS STATIONS
 . GROUND STATIONS
 . . SPACE DETECTION AND TRACKING
 SYSTEM
 . TRACKING STATIONS
 . . SPACE DETECTION AND TRACKING
 SYSTEM
 TRACKING (POSITION)
 . SPACE DETECTION AND TRACKING
 SYSTEM
 TRACKING NETWORKS
 . SPACE DETECTION AND TRACKING
 SYSTEM
 RT MINITRACK SYSTEM
 MISSILE TRACKING
 OPTICAL TRACKING
 PHOTOGRAPHIC TRACKING

SPACE ENVIRONMENT

SPACE DETECTION AND TRACKING-(CONT.)

POLYSTATION DOPPLER TRACKING
SYSTEM
SPACECRAFT TRACKING
STDN (NETWORK)
∞ SYSTEMS

SPACE ENVIRONMENT

USE AEROSPACE ENVIRONMENTS

SPACE ENVIRONMENT SIMULATION

GS SIMULATION
... ENVIRONMENT SIMULATION
... SPACE ENVIRONMENT SIMULATION
... WEIGHTLESSNESS SIMULATION
... NEUTRAL BUOYANCY SIMULATION
RT ALTITUDE SIMULATION
ATMOSPHERIC ENTRY SIMULATION
FLIGHT SIMULATION
FLIGHT SIMULATORS
HIGH VACUUM ORBITAL SIMULATOR
LANGLEY COMPLEX COORDINATOR
MOTION SIMULATORS
SOLAR SIMULATION
THERMAL SIMULATION
VACUUM CHAMBERS

SPACE EXPR WITH PARTICLE ACCELERATORS

USE SEPAC (PAYLOAD)

SPACE EXPLORATION

UF PLANETARY EXPLORATION
GS EXPLORATION
... SPACE EXPLORATION
... AEROSPACE ENVIRONMENTS
... ASTEROID MISSIONS
... ASTRODYNAMICS
∞ ASTRONAUTICS
BIOASTRONAUTICS
EXTRATERRESTRIAL ENVIRONMENTS
EXTRATERRESTRIAL RESOURCES
FRENCH SPACE PROGRAMS
GULLIVER PROGRAM
INTERPLANETARY FLIGHT
INTERPLANETARY SPACECRAFT
INTERSTELLAR SPACECRAFT
JUPITER RINGS
LUNAR EXPLORATION
MAGELLAN PROJECT (NASA)
MANNED MARS MISSIONS
MANNED SPACE FLIGHT
MARS 69 PROJECT
MARS 71 PROJECT
PLANETARY BASES
PLANETARY COMPOSITION
PLANETARY GEOLOGY
SOLAR MAXIMUM MISSION-A
TOPS (SPACECRAFT)
VIKING LANDER SPACECRAFT
VIKING LANDER 1
VIKING LANDER 2
VIKING MARS PROGRAM
VIKING ORBITER SPACECRAFT
VIKING ORBITER 1
VIKING ORBITER 2
VIKING 1 SPACECRAFT
VIKING 2 SPACECRAFT

SPACE HABITATS

RT AEROSPACE ENVIRONMENTS
CLOSED ECOLOGICAL SYSTEMS
LIFE SUPPORT SYSTEMS
SPACE COLONIES
SPACE STATIONS
SPACECREWS

SPACE INFRARED TELESCOPE FACILITY

UF SIRT
GS ARTIFICIAL SATELLITES
... SCIENTIFIC SATELLITES
... ASTRONOMICAL SATELLITES
... SPACE INFRARED TELESCOPE
FACILITY
OBSERVATORIES
... ASTRONOMICAL OBSERVATORIES
... ASTRONOMICAL SATELLITES
... SPACE INFRARED TELESCOPE
FACILITY
TELESCOPES
... INFRARED TELESCOPES
... SPACE INFRARED TELESCOPE
FACILITY
... SPACEBORNE TELESCOPES
... SPACE INFRARED TELESCOPE
FACILITY

SPACE INFRARED TELESCOPE-(CONT.)

RT INFRARED ASTRONOMY
SPACEBORNE ASTRONOMY

SPACE MECHANICS

GS CLASSICAL MECHANICS
... SPACE MECHANICS
... ASTRODYNAMICS
... CELESTIAL MECHANICS
... ORBITAL MECHANICS
... KEPLER LAWS
... MINIMUM VARIANCE ORBIT
DETERMINATION
RT FLIGHT MECHANICS
MAGNETOHYDRODYNAMICS
ORBITAL SPACE TESTS
QUADRATURES

SPACE MISSIONS

GS SPACE MISSIONS
... FLYBY MISSIONS
... ASTEROID MISSIONS
... GIOTTO MISSION
... GRAND TOURS
... MARINER JUPITER-SATURN FLYBY
... MARINER JUPITER-URANUS FLYBY
... VOYAGER 1977 MISSION
... MARINER VENUS-MERCURY 1973
... MARINER-MERCURY 1973
... MANNED MARS MISSIONS
... SOLAR MAXIMUM MISSION
... SOLAR MAXIMUM MISSION-A
... STARRPROBE MISSION
... ULYSSES MISSION
RT APOLLO SOYUZ TEST PROJECT
CHINESE SPACE PROGRAM
EARTH-VENUS TRAJECTORIES
EUROPEAN SPACE PROGRAMS
FRENCH SPACE PROGRAMS
INDIAN SPACE PROGRAM
JAPANESE SPACE PROGRAM
MAGELLAN PROJECT (NASA)
∞ MISSIONS
SKYLAB 1
SKYLAB 2
SKYLAB 3
SKYLAB 4
SPACE SHUTTLE MISSIONS
∞ SPACECRAFT
TOPS (SPACECRAFT)

SPACE OBSERVATIONS (FROM EARTH)

GS OBSERVATION
... SPACE OBSERVATIONS (FROM
EARTH)
RT DETECTION
RADIO OBSERVATION
RECONNAISSANCE
SPACE SURVEILLANCE (GROUND
BASED)
VISUAL OBSERVATION

SPACE OPERATIONS CENTER (NASA)

GS ARTIFICIAL SATELLITES
... SPACE STATIONS
... SPACE OPERATIONS CENTER (NASA)
MANNED SPACECRAFT
... SPACE OPERATIONS CENTER (NASA)
STATIONS
... SPACE STATIONS
... SPACE OPERATIONS CENTER (NASA)
RT LARGE SPACE STRUCTURES
ORBITAL ASSEMBLY
ORBITAL SERVICING

SPACE PHOTOGRAPHY

USE SPACEBORNE PHOTOGRAPHY

SPACE PLASMAS

GS PARTICLES
... CHARGED PARTICLES
... ENERGETIC PARTICLES
... PLASMAS (PHYSICS)
... SPACE PLASMAS
... SOLAR WIND
... STELLAR WINDS
RT AMPTE (SATELLITES)
EARTH MAGNETOSPHERE
GEOMAGNETISM
IONOPAUSE
MAGNETIC FIELD RECONNECTION
MAGNETOHYDRODYNAMIC STABILITY
MAGNETOHYDRODYNAMICS
OPEN PROJECT
PLASMA DENSITY

SPACE PLASMAS-(CONT.)

PLASMA DIAGNOSTICS
PLASMA INTERACTIONS
PLASMA LAYERS
PLASMA PHYSICS
PLASMA WAVES
PLASMA-ELECTROMAGNETIC
INTERACTION
POLAR CUSPS
SPHINX

SPACE PROBES

GS UNMANNED SPACECRAFT
... SPACE PROBES
... EXPLORER 18 SATELLITE
... GIOTTO MISSION
... JUPITER PROBES
... GALILEO PROBE
... GALILEO SPACECRAFT
... LUNAR PROBES
... LUNIK LUNAR PROBES
... LUNIK 2 LUNAR PROBE
... LUNIK 3 LUNAR PROBE
... LUNIK 9 LUNAR PROBE
... LUNIK 10 LUNAR PROBE
... LUNIK 11 LUNAR PROBE
... LUNIK 12 LUNAR PROBE
... LUNIK 13 LUNAR PROBE
... LUNIK 14 LUNAR PROBE
... LUNIK 16 LUNAR PROBE
... LUNIK 17 LUNAR PROBE
... LUNIK 19 LUNAR PROBE
... LUNIK 20 LUNAR PROBE
... LUNIK 22 LUNAR PROBE
... RANGER LUNAR PROBES
... RANGER LUNAR LANDING
VEHICLES
... RANGER 1 LUNAR PROBE
... RANGER 2 LUNAR PROBE
... RANGER 3 LUNAR PROBE
... RANGER 4 LUNAR PROBE
... RANGER 5 LUNAR PROBE
... RANGER 6 LUNAR PROBE
... RANGER 7 LUNAR PROBE
... RANGER 8 LUNAR PROBE
... RANGER 9 LUNAR PROBE
... SURVEYOR LUNAR PROBES
... SURVEYOR 1 LUNAR PROBE
... SURVEYOR 2 LUNAR PROBE
... SURVEYOR 3 LUNAR PROBE
... SURVEYOR 4 LUNAR PROBE
... SURVEYOR 5 LUNAR PROBE
... SURVEYOR 6 LUNAR PROBE
... SURVEYOR 7 LUNAR PROBE
... MARINER SPACE PROBES
... MARINER R 2 SPACE PROBE
... MARINER 1 SPACE PROBE
... MARINER 2 SPACE PROBE
... MARINER 3 SPACE PROBE
... MARINER 4 SPACE PROBE
... MARINER 5 SPACE PROBE
... MARINER 6 SPACE PROBE
... MARINER 7 SPACE PROBE
... MARINER 8 SPACE PROBE
... MARINER 9 SPACE PROBE
... MARINER 10 SPACE PROBE
... MARINER 11 SPACE PROBE
... MARINER SPACECRAFT
... MARINER C SPACECRAFT
... MARINER VENUS 67 SPACECRAFT
... MARS PROBES
... ADVANCED RECONN ELECTRIC
SPACECRAFT
... MARINER 3 SPACE PROBE
... MARINER 4 SPACE PROBE
... MARINER 6 SPACE PROBE
... MARINER 7 SPACE PROBE
... MARINER 8 SPACE PROBE
... MARINER 9 SPACE PROBE
... MARS OBSERVER
... MARS 1 SPACECRAFT
... MARS 2 SPACECRAFT
... MARS 3 SPACECRAFT
... MARS 4 SPACECRAFT
... MARS 5 SPACECRAFT
... MARS 6 SPACECRAFT
... MARS 7 SPACECRAFT
... VIKING SPACECRAFT
... VIKING LANDER SPACECRAFT
... VIKING LANDER 1
... VIKING LANDER 2
... VIKING ORBITER SPACECRAFT
... VIKING ORBITER 1
... VIKING ORBITER 2
... VIKING ORBITER 1975
... VIKING 1 SPACECRAFT

SPACE TEMPERATURE

SPACE PROBES-(CONT.)

. VIKING LANDER 1
 VIKING ORBITER 1
 VIKING 2 SPACECRAFT
 VIKING LANDER 2
 VIKING ORBITER 2
 ZOND 2 SPACE PROBE
 PIONEER SPACE PROBES
 PIONEER VENUS 2 ENTRY PROBES
 PIONEER VENUS 2 NIGHT PROBE
 PIONEER VENUS 2 SOUNDER
 PROBE
 PIONEER 1 SPACE PROBE
 PIONEER 2 SPACE PROBE
 PIONEER 3 SPACE PROBE
 PIONEER 4 SPACE PROBE
 PIONEER 5 SPACE PROBE
 PIONEER 6 SPACE PROBE
 PIONEER 7 SPACE PROBE
 PIONEER 8 SPACE PROBE
 PIONEER 9 SPACE PROBE
 PIONEER 10 SPACE PROBE
 PIONEER 11 SPACE PROBE
 SOLAR PROBES
 HELIOS A
 HELIOS B
 HELIOS 1
 HELIOS 2
 STARPROBE SPACECRAFT
 SUNBLAZER SPACE PROBE
 VENUS PROBES
 MAGELLAN SPACECRAFT (NASA)
 MARINER 1 SPACE PROBE
 MARINER 2 SPACE PROBE
 MARINER 5 SPACE PROBE
 MARINER 10 SPACE PROBE
 VENERA SATELLITES
 VENERA 2 SATELLITE
 VENERA 3 SATELLITE
 VENERA 4 SATELLITE
 VENERA 5 SATELLITE
 VENERA 6 SATELLITE
 VENERA 7 SATELLITE
 VENERA 8 SATELLITE
 VENERA 9 SATELLITE
 VENERA 10 SATELLITE
 VENERA 11 SATELLITE
 VENERA 12 SATELLITE
 ZOND 1 SPACE PROBE
 ZOND 3 SPACE PROBE
 ZOND 4 SPACE PROBE
 ZOND 5 SPACE PROBE
 ZOND 6 SPACE PROBE
 ZOND 7 SPACE PROBE
 ZOND 8 SPACE PROBE
 VOYAGER 1 SPACECRAFT
 VOYAGER 2 SPACECRAFT
 RT ATLAS ABL 5 LAUNCH VEHICLE
 INTERPLANETARY SPACECRAFT
 MAGNETIC PROBES
 MANEUVERABLE SPACECRAFT
 MARINER PROGRAM
 METEOROLOGICAL SATELLITES
 PIONEER PROJECT
 PIONEER VENUS SPACECRAFT
 PIONEER VENUS 1 SPACECRAFT
 PROBES
 RADIO OCCULTATION
 SATELLITE TELEVISION
 VOYAGER PROJECT
 VOYAGER 1977 MISSION

SPACE PROGRAMS

GS PROGRAMS
 SPACE PROGRAMS
 BRAZILIAN SPACE PROGRAM
 CANADIAN SPACE PROGRAM
 ALOUETTE PROJECT
 CHINESE SPACE PROGRAM
 EUROPEAN SPACE PROGRAMS
 FRENCH SPACE PROGRAMS
 GEOGRAPHIC APPLICATIONS
 PROGRAM
 INDIAN SPACE PROGRAM
 INDONESIAN SPACE PROGRAM
 ITALIAN SPACE PROGRAM
 JAPANESE SPACE PROGRAM
 NASA SPACE PROGRAMS
 APOLLO APPLICATIONS PROGRAM
 APOLLO PROJECT
 BIOASTRONAUTICAL ORBITAL
 SPACE SYSTEM
 CENTAUR PROJECT
 EARTH & OCEAN PHYSICS
 APPLICATIONS PROGRAM
 EARTH RESOURCES PROGRAM

SPACE PROGRAMS-(CONT.)

. EARTH RESOURCES SURVEY
 PROGRAM
 SEASAT PROGRAM
 ECHO PROJECT
 GALILEO PROJECT
 GEMINI PROJECT
 HELIOS PROJECT
 JUPITER PROJECT
 MAGELLAN PROJECT (NASA)
 MARINER PROGRAM
 MARINER VENUS-MERCURY 1973
 MARINER-MERCURY 1973
 MARS 69 PROJECT
 MARS 71 PROJECT
 MERCURY PROJECT
 NATIONAL LAUNCH VEHICLE
 PROGRAM
 NEW MOONS PROJECT
 NIMBUS PROJECT
 OPEN PROJECT
 PIONEER PROJECT
 PROJECT SETI
 RANGER PROJECT
 AGENA B RANGER PROGRAM
 ROVER PROJECT
 SAIL PROJECT
 SATURN PROJECT
 SCOUT PROJECT
 SKYLAB PROGRAM
 STARPROBE MISSION
 SURVEYOR PROJECT
 SYNCHRONOUS COMMUNICATIONS
 SATELLITE PROJ
 TEKTITE PROJECT
 TIROS PROJECT
 TITAN PROJECT
 VANGUARD PROJECT
 VIKING MARS PROGRAM
 VOYAGER PROJECT
 SAUDI ARABIAN SPACE PROGRAM
 SWEDISH SPACE PROGRAM
 SWISS SPACE PROGRAM
 U.S.S.R. SPACE PROGRAM
 UK SPACE PROGRAM
 RT APOLLO SOYUZ TEST PROJECT
 EUROPEAN SPACE AGENCY
 ISRO
 MANNED SPACE FLIGHT
 NASA PROGRAMS
 RESEARCH PROJECTS
 SOLAR MAXIMUM MISSION

SPACE RADIATION

USE EXTRATERRESTRIAL RADIATION

SPACE RENDEZVOUS

UF SPACECRAFT RENDEZVOUS
 GS RENDEZVOUS
 SPACE RENDEZVOUS
 ORBITAL RENDEZVOUS
 EARTH ORBITAL RENDEZVOUS
 LUNAR ORBITAL RENDEZVOUS
 RT APOLLO SOYUZ TEST PROJECT
 RENDEZVOUS TRAJECTORIES
 SPACECRAFT DOCKING
 TRANSFER ORBITS

SPACE SELF MANEUVERING UNITS

USE SELF MANEUVERING UNITS

SPACE SHUTTLE PAYLOADS

GS PAYLOADS
 SPACE SHUTTLE PAYLOADS
 ADVANCED TECHNOLOGY
 LABORATORY
 ASTRO MISSIONS (STS)
 ATMOSPHERIC GENERAL
 CIRCULATION EXPERIMENT
 EARTH RADIATION BUDGET
 EXPERIMENT
 EARTH VIEWING APPLICATIONS
 LABORATORY
 ELECTROMAGNETIC ENVIRONMENT
 EXPERIMENT
 GET AWAY SPECIALS (STS)
 HALOGEN OCCULTATION
 EXPERIMENT
 OSS-1 PAYLOAD
 OSTA-1 PAYLOAD
 OSTA-3 PAYLOAD
 PHYSICS AND CHEMISTRY
 EXPERIMENT IN SPACE
 PLASMA INTERACTION EXPERIMENT
 SPACELAB

SPACE SHUTTLE PAYLOADS-(CONT.)

RT X RAY ASTROPHYSICS FACILITY
 COMMERCE LAB
 EXTRAVEHICULAR ACTIVITY
 FEATURE IDENTIFICATION AND
 LOCATION EXPR
 HUBBLE SPACE TELESCOPE
 ORBITAL SERVICING
 PAYLOAD ASSIST MODULE
 PAYLOAD INTEGRATION
 PAYLOAD INTEGRATION PLAN
 SHUTTLE IMAGING RADAR
 SORTIE SYSTEMS
 SPACE STATION PAYLOADS
 SPACE TECHNOLOGY EXPERIMENTS
 SPACE TRANSPORTATION SYSTEM
 SPACEBORNE EXPERIMENTS
 STARLAB

SPACE STATION PAYLOADS

GS PAYLOADS
 SPACE STATION PAYLOADS
 RT EARTH OBSERVING SYSTEM (EOS)
 SPACE SHUTTLE PAYLOADS
 SPACE STATION POLAR PLATFORMS
 SPACE STATIONS
 SPACELAB PAYLOADS

SPACE STATIONS

UF EARTH ORBITING SPACE STATIONS
 MANNED ORBITAL SPACE STATIONS
 MOSS (SPACE STATIONS)
 SELF DEPLOYING SPACE STATIONS
 GS ARTIFICIAL SATELLITES
 SPACE STATIONS
 COLUMBUS SPACE STATION
 HALO ORBIT SPACE STATION
 MIR SPACE STATION
 ORBITING LUNAR STATIONS
 SALYUT SPACE STATION
 SKYLAB 1
 SKYLAB 2
 SKYLAB 3
 SKYLAB 4
 SPACE OPERATIONS CENTER (NASA)
 SPACE STATION POLAR PLATFORMS
 STATIONS
 SPACE STATIONS
 COLUMBUS SPACE STATION
 HALO ORBIT SPACE STATION
 MIR SPACE STATION
 ORBITING LUNAR STATIONS
 SALYUT SPACE STATION
 SKYLAB 1
 SKYLAB 2
 SKYLAB 3
 SKYLAB 4
 SPACE OPERATIONS CENTER (NASA)
 SPACE STATION POLAR PLATFORMS

RT AEPS
 BIOASTRONAUTICS
 FERRY SPACECRAFT
 INFLATABLE STRUCTURES
 LARGE SPACE STRUCTURES
 MANNED ORBITAL LABORATORIES
 MANNED SPACECRAFT
 MILITARY SPACECRAFT
 ORBITAL SERVICING
 ORBITAL SPACE TESTS
 ORBITAL WORKSHOPS
 PLATFORMS
 RENDEZVOUS SPACECRAFT
 SATURN WORKSHOPS
 SATURN 1 WORKSHOP
 SATURN 5 WORKSHOP
 SORTIE SYSTEMS
 SPACE BASES
 SPACE COLONIES
 SPACE HABITATS
 SPACE LABORATORIES
 SPACE PLATFORMS
 SPACE STATION PAYLOADS
 SPACE STATION POWER SUPPLIES
 SPACE STATION PROPULSION
 SPACE STATION STRUCTURES
 SPACECRAFT DOCKING
 SPIN STABILIZATION

SPACE TELESCOPE

USE HUBBLE SPACE TELESCOPE

SPACE TEMPERATURE

GS TEMPERATURE
 SPACE TEMPERATURE
 RT CRYOGENIC TEMPERATURE

SPACE-TIME CONTINUUM

SPACE TEMPERATURE-(CONT.)

ELECTRON ENERGY
ION TEMPERATURE

SPACE-TIME CONTINUUM

USE RELATIVITY

SPACEBORNE ASTRONOMY

GS ASTRONOMY
.. SPACEBORNE ASTRONOMY
RT ASTRO MISSIONS (STS)
.. ASTRONOMICAL SATELLITES
.. COSMIC BACKGROUND EXPLORER
.. SATELLITE
.. FAINT OBJECT CAMERA
.. GAMMA RAY OBSERVATORY
.. HIPPARCOS SATELLITE
.. HUBBLE SPACE TELESCOPE
.. INFRARED SPACE OBSERVATORY (ISO)
.. IUE
.. MAGELLAN ULTRAVIOLET ASTRONOMY
.. SATELLITE
.. PINHOLE OCCULTER FACILITY
.. QUASAT
.. ROSAT MISSION
.. SAS-2
.. SAS-3
.. SPACE INFRARED TELESCOPE FACILITY
.. STARSAT TELESCOPE
.. TELESCOPES
.. ULTRAVIOLET TELESCOPES
.. X RAY ASTROPHYSICS FACILITY

SPACEBORNE PHOTOGRAPHY

UF SPACE PHOTOGRAPHY
GS IMAGERY
.. SPACEBORNE PHOTOGRAPHY
.. SATELLITE-BORNE PHOTOGRAPHY
.. PHOTOGRAPHY
.. SPACEBORNE PHOTOGRAPHY
.. SATELLITE-BORNE PHOTOGRAPHY
RT AERIAL PHOTOGRAPHY
.. ASTRONOMICAL PHOTOGRAPHY
.. BLACK AND WHITE PHOTOGRAPHY
.. CLOUD PHOTOGRAPHS
.. CLOUD PHOTOGRAPHY
.. DIFFRACTION LIMITED CAMERAS
.. EARTH RESOURCES
.. LUNAR PHOTOGRAPHS
.. LUNAR PHOTOGRAPHY
.. MARS PHOTOGRAPHS
.. MULTISPECTRAL BAND SCANNERS
.. PHOTOMAPPING
.. PHOTOMAPS
.. ROCKET-BORNE PHOTOGRAPHY
.. SATELLITE OBSERVATION

SPACEBORNE TELESCOPES

GS TELESCOPES
.. SPACEBORNE TELESCOPES
.. GERMAN INFRARED LABORATORY
.. HUBBLE SPACE TELESCOPE
.. INFRARED SPACE OBSERVATORY
.. (ISO)
.. LIRTS (TELESCOPE)
.. SOLAR OPTICAL TELESCOPE
.. SPACE INFRARED TELESCOPE
.. FACILITY
.. STARLAB
.. STARSAT TELESCOPE
.. X RAY ASTROPHYSICS FACILITY
RT ASTRO MISSIONS (STS)
.. ASTRONOMICAL OBSERVATORIES
.. ASTRONOMICAL PHOTOGRAPHY
.. ASTRONOMY
.. DIFFRACTION LIMITED CAMERAS
.. FAINT OBJECT CAMERA
.. GAMMA RAY OBSERVATORY
.. MULTI-ANODE MICROCHANNEL ARRAYS
.. OPTICAL TRANSFER FUNCTION
.. ROSAT MISSION

SPACECRAFT LANDING

GS LANDING
.. SPACECRAFT LANDING
.. HORIZONTAL SPACECRAFT LANDING
.. LUNAR LANDING
.. MARS LANDING
.. PLANETARY LANDING
RT AIRCRAFT LANDING
.. APPROACH AND LANDING TESTS (STS)
.. CRASH LANDING
.. GLIDE LANDINGS
.. HARD LANDING
.. LANDING SIMULATION

SPACECRAFT LANDING-(CONT.)

SOFT LANDING
SOFT LANDING SPACECRAFT
TERMINAL AREA ENERGY MANAGEMENT
TOUCHDOWN
VERTICAL LANDING
WATER LANDING

SPACECRAFT MANEUVERS

UF SATELLITE MANEUVERS
GS MANEUVERS
.. SPACECRAFT MANEUVERS
.. ORBITAL MANEUVERS
RT CONTROL SIMULATION
.. MANEUVERABILITY
.. MANEUVERABLE SPACECRAFT
.. SPACE FLIGHT

SPACECRAFT ORBITAL ASSEMBLY

USE ORBITAL ASSEMBLY

SPACECRAFT ORBITS

GS ORBITS
.. SPACECRAFT ORBITS
.. SATELLITE ORBITS
.. GEOSYNCHRONOUS ORBITS
.. PARKING ORBITS
.. POLAR ORBITS
.. STATIONARY ORBITS
.. TWENTY-FOUR HOUR ORBITS
.. TRANSFER ORBITS
.. INTERPLANETARY TRANSFER
.. ORBITS
.. TROJAN ORBITS
RT CIRCULAR ORBITS
.. EARTH ORBITS
.. ELLIPTICAL ORBITS
.. EQUATORIAL ORBITS
.. LUNAR ORBITS
.. ORBITAL MECHANICS
.. ORBITAL POSITION ESTIMATION
.. PLANETARY ORBITS
.. SOLAR ORBITS

SPACECRAFT RENDEZVOUS

USE SPACE RENDEZVOUS

SPACECRAFT STERILIZATION

GS CLEANING
.. STERILIZATION
.. SPACECRAFT STERILIZATION
.. DECONTAMINATION
.. SPACECRAFT STERILIZATION
RT CHEMICAL STERILIZATION
.. ETHYLENE OXIDE
.. EXOBIOLGY
.. PLANETARY QUARANTINE
.. PURIFICATION
.. STERILIZATION EFFECTS

SPACECRAFT TELEVISION

GS COMMUNICATION EQUIPMENT
.. SPACECRAFT TELEVISION
.. DIGITAL SPACECRAFT TELEVISION
.. RANGER BLOCK 3 TELEVISION
.. SYSTEM
.. SATELLITE TELEVISION
.. TELECOMMUNICATION
.. SPACECRAFT TELEVISION
.. DIGITAL SPACECRAFT TELEVISION
.. RANGER BLOCK 3 TELEVISION
.. SYSTEM
.. SATELLITE TELEVISION
.. TELEVISION SYSTEMS
.. SPACECRAFT TELEVISION
.. DIGITAL SPACECRAFT TELEVISION
.. RANGER BLOCK 3 TELEVISION
.. SYSTEM
.. SATELLITE TELEVISION
RT COLOR TELEVISION
.. SATELLITE TRANSMISSION
.. STEREOTELEVISION
.. TELEVISION TRANSMISSION

SPACECRAFT TRAJECTORIES

GS TRAJECTORIES
.. SPACECRAFT TRAJECTORIES
.. EARTH-VENUS TRAJECTORIES
.. INTERPLANETARY TRAJECTORIES
.. EARTH-MARS TRAJECTORIES
.. EARTH-MERCURY TRAJECTORIES
.. LUNAR TRAJECTORIES
.. CIRCUMLUNAR TRAJECTORIES
.. EARTH-MOON TRAJECTORIES
.. MOON-EARTH TRAJECTORIES

SPACECRAFT TRAJECTORIES-(CONT.)

RT ASCENT TRAJECTORIES
.. DESCENT TRAJECTORIES
.. EARTH ORBITAL RENDEZVOUS
.. FLIGHT MECHANICS
.. GODDARD TRAJECTORY
.. DETERMINATION SYSTEM
.. HYPERBOLIC TRAJECTORIES
.. INTERORBITAL TRAJECTORIES
.. LUNAR ORBITAL RENDEZVOUS
.. MOTION
.. ORBITAL RENDEZVOUS
.. RADIO OCCULTATION
.. REENTRY TRAJECTORIES
.. RENDEZVOUS TRAJECTORIES
.. ROUND TRIP TRAJECTORIES
.. SWINGBY TECHNIQUE

SPACELAB

GS LABORATORIES
.. SPACE LABORATORIES
.. MANNED ORBITAL LABORATORIES
.. SPACELAB
.. MANNED SPACECRAFT
.. MANNED ORBITAL LABORATORIES
.. SPACELAB
.. PAYLOADS
.. SPACE SHUTTLE PAYLOADS
.. SPACELAB
RT ADVANCED TECHNOLOGY LABORATORY
.. ANNULAR SUSPENSION AND POINTING
.. SYSTEM
.. EXPOS (SPACELAB PAYLOAD)
.. GEOPHYSICAL FLUID FLOW CELLS
.. GERMAN INFRARED LABORATORY
.. GET AWAY SPECIALS (STS)
.. GRIST (TELESCOPE)
.. LIRTS (TELESCOPE)
.. NASA PROGRAMS
.. OSTA-2 PAYLOAD
.. SEPAC (PAYLOAD)
.. SKYLAB PROGRAM
.. SPACE SHUTTLES
.. SPACE TRANSPORTATION SYSTEM
.. SPACEBORNE EXPERIMENTS
.. STARLAB

SPACELAB PAYLOADS

GS PAYLOADS
.. SPACELAB PAYLOADS
.. AMPs (SATELLITE PAYLOAD)
.. ATMOSPHERIC CLOUD PHYSICS LAB
.. (SPACELAB)
.. ATMOSPHERIC GENERAL
.. CIRCULATION EXPERIMENT
.. GEOPHYSICAL FLUID FLOW CELLS
.. SOLAR CELL CALIBRATION FACILITY
RT ANNULAR SUSPENSION AND POINTING
.. SYSTEM
.. ASTRO MISSIONS (STS)
.. GET AWAY SPECIALS (STS)
.. SORTIE SYSTEMS
.. SPACE STATION PAYLOADS

SPACELAB UV-OPTICAL TELESCOPE FACILITY

USE STARLAB

SPADATS (TRACKING SYSTEM)

USE SPACE DETECTION AND TRACKING
SYSTEM

SPARTAN SATELLITES

GS OBSERVATORIES
.. ASTRONOMICAL OBSERVATORIES
.. ASTRONOMICAL SATELLITES
.. SPARTAN SATELLITES
RT ASTROPHYSICS
.. SOLAR PHYSICS
.. ULTRAVIOLET ASTRONOMY

SPATIAL ORIENTATION

USE ATTITUDE (INCLINATION)

SPECTRA

UF OPTICAL SPECTRUM
GS SPECTRA
.. ATOMIC SPECTRA
.. CONTINUOUS SPECTRA
.. ENERGY SPECTRA
.. ELECTRONIC SPECTRA
.. NEUTRON SPECTRA
.. MASS SPECTRA
.. MOLECULAR SPECTRA
.. ELECTRONIC SPECTRA
.. RAMAN SPECTRA

SPECTROSCOPIC TELESCOPES

SPECTRA-(CONT.)

- .. VIBRATIONAL SPECTRA
- .. NOISE SPECTRA
- .. OXYGEN SPECTRA
- .. PLASMA SPECTRA
- .. POWER SPECTRA
- .. CEPSTRA
- .. RADIATION SPECTRA
- .. ABSORPTION SPECTRA
- ... FRAUNHOFER LINES
- ... HERZBERG BANDS
- ... TELLURIC LINES
- .. ELECTROMAGNETIC SPECTRA
- .. GAMMA RAY SPECTRA
- .. INFRARED SPECTRA
- .. LINE SPECTRA
- ... BALMER SERIES
- ... D LINES
- ... ELECTRONIC SPECTRA
- ... FRAUNHOFER LINES
- ... H LINES
- ... H ALPHA LINE
- ... H BETA LINE
- ... H GAMMA LINE
- ... K LINES
- ... LYMAN SPECTRA
- ... PASCHEN SERIES
- ... RYDBERG SERIES
- ... TELLURIC LINES
- .. RADIO SPECTRA
- .. MICROWAVE SPECTRA
- .. RAMAN SPECTRA
- .. STELLAR SPECTRA
- .. SOLAR SPECTRA
- .. UV SPECTRA
- .. ULTRAVIOLET SPECTRA
- .. VIBRATIONAL SPECTRA
- .. VISIBLE SPECTRUM
- .. X RAY SPECTRA
- .. EMISSION SPECTRA
- .. SHOCK SPECTRA
- .. SPECTRAL BANDS
- .. ABSORPTION SPECTRA
- ... FRAUNHOFER LINES
- ... HERZBERG BANDS
- ... TELLURIC LINES
- .. PHOTOLUMINESCENT BANDS
- .. SCHUMANN-RUNGE BANDS
- .. SWAN BANDS
- .. VEGARD-KAPLAN BANDS
- RT ASTRONOMICAL SPECTROSCOPY
- COLOR
- EXCITONS
- FLUX DENSITY
- GAMMA RAY SPECTROMETERS
- ISOELECTRONIC SEQUENCE
- SPECTRAL SENSITIVITY
- SPECTRAL SHIFT CONTROL
- SPECTRAL THEORY
- SPECTROGRAMS
- SPECTROGRAPHS
- SPECTROMETERS
- SPECTROSCOPY
- SPECTRUM ANALYSIS
- TRANSITION PROBABILITIES

SPECTRAL ABSORPTION

USE ABSORPTION SPECTRA

SPECTRAL ANALYSIS

USE SPECTRUM ANALYSIS

SPECTRAL BANDS

GS SPECTRA

- .. SPECTRAL BANDS
- .. ABSORPTION SPECTRA
- ... FRAUNHOFER LINES
- ... HERZBERG BANDS
- ... TELLURIC LINES
- .. PHOTOLUMINESCENT BANDS
- .. SCHUMANN-RUNGE BANDS
- .. SWAN BANDS
- .. VEGARD-KAPLAN BANDS
- RT BAND RATIOING
- .. BANDS
- .. ELECTRONIC SPECTRA
- .. ENERGY BANDS
- .. FREQUENCIES
- .. LINE SPECTRA
- .. VISIBLE SPECTRUM
- .. WHITE NOISE

SPECTRAL EMISSION

GS EMISSION

- .. SPECTRAL EMISSION

SPECTRAL EMISSION-(CONT.)

RT CONTINUOUS SPECTRA

- .. ELECTROMAGNETIC RADIATION
- .. EMITTANCE
- .. INCANDESCENCE
- .. LIGHT EMISSION
- .. LINE SPECTRA
- .. NONGRAY GAS
- .. RADIATION
- .. SPECTROGRAMS
- .. SPECTROSCOPY
- .. SPECTRUM ANALYSIS
- .. SPONTANEOUS EMISSION
- .. WAVELENGTHS

SPECTRAL ENERGY DISTRIBUTION

GS DISTRIBUTION (PROPERTY)

- .. ENERGY DISTRIBUTION
- .. SPECTRAL ENERGY DISTRIBUTION
- RT .. DISTRIBUTION
- .. ELECTROMAGNETIC RADIATION
- .. ENERGY SPECTRA
- .. FINE STRUCTURE
- .. LINE SPECTRA

SPECTRAL LINES

USE LINE SPECTRA

SPECTROGRAMS

RT LINE SPECTRA

- .. SPECTRA
- .. SPECTRAL EMISSION
- .. SPECTROGRAPHS
- .. SPECTROPHOTOGRAPHY
- .. SPECTROSCOPY
- .. SPECTRUM ANALYSIS

SPECTROGRAPHS

GS SPECTROGRAPHS

- .. HIGH DISPERSION SPECTROGRAPHS
- RT SPECTRA
- .. SPECTROGRAMS
- .. SPECTROMETERS
- .. SPECTROSCOPIC ANALYSIS
- .. SPECTROSCOPY

SPECTROHELIOGRAPHS

UF HELIOGRAPHS

- .. HELIOGRAPHY
- .. SPECTROHELIOSCOPIES
- GS IMAGERY
- .. SPECTROHELIOGRAPHS
- .. MEASURING INSTRUMENTS
- .. RADIATION MEASURING INSTRUMENTS
- .. ACTINOMETERS
- .. SPECTROHELIOGRAPHS
- .. SPECTROMETERS
- .. SPECTROHELIOGRAPHS
- .. OPTICAL EQUIPMENT
- .. SPECTROHELIOGRAPHS
- .. SOLAR INSTRUMENTS
- .. SPECTROHELIOGRAPHS
- RT BLACK AND WHITE PHOTOGRAPHY
- .. CORONAGRAPHS
- .. SOLAR SPECTROMETERS
- .. STARSAT TELESCOPE

SPECTROHELIOSCOPIES

USE SPECTROHELIOGRAPHS

SPECTROMETERS

UF SPECTROMETRY

- .. SPECTROSCOPES
- GS MEASURING INSTRUMENTS
- .. SPECTROMETERS
- .. EBERT SPECTROMETERS
- .. FABRY-PEROT SPECTROMETERS
- .. GAMMA RAY SPECTROMETERS
- .. IMAGING SPECTROMETERS
- .. INFRARED SPECTROMETERS
- .. FILTER WHEEL INFRARED SPECTROMETERS
- .. LASER SPECTROMETERS
- .. MASS SPECTROMETERS
- .. MICROWAVE SPECTROMETERS
- .. NEUTRON SPECTROMETERS
- .. SOLAR BACKSCATTER UV SPECTROMETER
- .. SOLAR SPECTROMETERS
- .. SPECTROHELIOGRAPHS
- .. TIME OF FLIGHT SPECTROMETERS
- .. ULTRAVIOLET SPECTROMETERS
- .. HIGH DISPERSION SPECTROGRAPHS
- RT ACTINOMETERS

SPECTROMETERS-(CONT.)

- .. CHEMICAL ANALYSIS
- .. DIFFRACTOMETERS
- .. ELECTRON PROBES
- .. GONIOMETERS
- .. INFRARED SPECTROSCOPY
- .. MICHELSON INTERFEROMETERS
- .. OPTICAL EQUIPMENT
- .. OPTICAL MEASUREMENT
- .. PHOTOGRAPHIC MEASUREMENT
- .. PHOTOMETERS
- .. RADIATION COUNTERS
- .. SOLAR INSTRUMENTS
- .. SPECTRA
- .. SPECTRAL REFLECTANCE
- .. SPECTROGRAPHS
- .. SPECTORADIOMETERS
- .. SPECTROSCOPIC ANALYSIS
- .. SPECTROSCOPY
- .. SPECTRUM ANALYSIS

SPECTROMETRY

USE SPECTROMETERS

SPECTROPHOTOMETERS

GS MEASURING INSTRUMENTS

- .. OPTICAL MEASURING INSTRUMENTS
- .. SPECTROPHOTOMETERS
- ... INFRARED SPECTROPHOTOMETERS
- ... ULTRAVIOLET SPECTROPHOTOMETERS
- .. RADIATION MEASURING INSTRUMENTS
- .. ACTINOMETERS
- .. SPECTROPHOTOMETERS
- ... INFRARED SPECTROPHOTOMETERS
- ... ULTRAVIOLET SPECTROPHOTOMETERS
- .. OPTICAL EQUIPMENT
- .. OPTICAL MEASURING INSTRUMENTS
- .. SPECTROPHOTOMETERS
- ... INFRARED SPECTROPHOTOMETERS
- ... ULTRAVIOLET SPECTROPHOTOMETERS
- RT CHEMICAL ANALYSIS
- .. DUOCHROMATORS
- .. MONOCHROMATORS
- .. OPTICAL MEASUREMENT
- .. PHOTOMETERS
- .. RADIOMETERS
- .. SPECTORADIOMETERS
- .. SPECTROSCOPIC ANALYSIS
- .. SPECTROSCOPY

SPECTROPHOTOMETRY

GS OPTICAL MEASUREMENT

- .. PHOTOMETRY
- .. SPECTROPHOTOMETRY
- ... STELLAR SPECTROPHOTOMETRY
- .. SPECTROSCOPY
- .. SPECTROPHOTOMETRY
- ... STELLAR SPECTROPHOTOMETRY
- RT ASTRONOMICAL PHOTOMETRY
- .. COLORIMETRY
- .. IMAGING SPECTROMETERS
- .. SPECTROSCOPIC ANALYSIS

SPECTROPOLARIMETERS

USE POLARIMETERS

SPECTORADIOMETERS

GS MEASURING INSTRUMENTS

- .. RADIATION MEASURING INSTRUMENTS
- .. ACTINOMETERS
- .. RADIOMETERS
- .. SPECTORADIOMETERS
- RT SPECTROMETERS
- .. SPECTROPHOTOMETERS

SPECTROSCOPES

USE SPECTROMETERS

SPECTROSCOPIC TELESCOPES

UF DIFFRACTION TELESCOPES

- GS TELESCOPES
- .. SPECTROSCOPIC TELESCOPES
- .. MULTISPECTRAL TRACKING TELESCOPES
- .. STRATOSCOPE TELESCOPES
- RT ASTRONOMICAL SPECTROSCOPY
- .. REFLECTING TELESCOPES
- .. REFRACTING TELESCOPES
- .. STELLAR SPECTROPHOTOMETRY

SPECTROSCOPY

SPECTROSCOPY

GS SPECTROSCOPY
 . ABSORPTION SPECTROSCOPY
 . OPTOGALVANIC SPECTROSCOPY
 . ASTRONOMICAL SPECTROSCOPY
 . AUGER SPECTROSCOPY
 . AURORAL SPECTROSCOPY
 . ELECTRON SPECTROSCOPY
 . FLAME SPECTROSCOPY
 . GAS SPECTROSCOPY
 . HOLOGRAPHIC SPECTROSCOPY
 . INFRARED SPECTROSCOPY
 . MAGNETIC SPECTROSCOPY
 . MASS SPECTROSCOPY
 . MOLECULAR SPECTROSCOPY
 . RAMAN SPECTROSCOPY
 . NUCLEAR RADIATION SPECTROSCOPY
 . OPTICAL EMISSION SPECTROSCOPY
 . LASER SPECTROSCOPY
 . PHOTOACOUSTIC SPECTROSCOPY
 . PHOTOELECTRON SPECTROSCOPY
 . RADIO SPECTROSCOPY
 . SPECTROPHOTOGRAPHY
 . SPECTROPHOTOMETRY
 . STELLAR SPECTROPHOTOMETRY
 . SPECTROSCOPIC ANALYSIS
 . ULTRASONIC SPECTROSCOPY
 . ULTRAVIOLET SPECTROSCOPY
 . VACUUM SPECTROSCOPY
 . X RAY SPECTROSCOPY
 RT CHEMICAL ANALYSIS
 CINESPECTROGRAPHS
 COLORIMETRY
 ELECTROPHOTOMETRY
 FRAUNHOFER LINE DISCRIMINATORS
 ISOELECTRONIC SEQUENCE
 LALLEMAND CAMERAS
 ∞ OPTICS
 PHOTOMETRY
 PRESSURE BROADENING
 SPECTRA
 SPECTRAL EMISSION
 SPECTRAL REFLECTANCE
 SPECTROGRAMS
 SPECTROGRAPHS
 SPECTROMETERS
 SPECTROPHOTOMETERS
 SPECTRUM ANALYSIS
 TIME OF FLIGHT SPECTROMETERS
 VISIBLE SPECTRUM
 ZEEMAN EFFECT

SPECTRUM ANALYSIS

UF SPECTRAL ANALYSIS
 GS SPECTRUM ANALYSIS
 . CEPSTRAL ANALYSIS
 . FLAME SPECTROSCOPY
 . MAXIMUM ENTROPY METHOD
 RT ABSORPTION SPECTRA
 ∞ ANALYZING
 EMISSION SPECTRA
 FREQUENCY ANALYZERS
 FREQUENCY SCANNING
 GAMMA RAY SPECTROMETERS
 HOLOGRAPHIC SPECTROSCOPY
 HYPERFINE STRUCTURE
 KRAMERS-KRONIG FORMULA
 LASER SPECTROSCOPY
 LINE SPECTRA
 MAGNETIC RESONANCE
 OPTICAL RESONANCE
 SIGNAL ANALYSIS
 SPECTRA
 SPECTRAL EMISSION
 SPECTRAL METHODS
 SPECTRAL REFLECTANCE
 SPECTRAL RESOLUTION
 SPECTRAL SIGNATURES
 SPECTROGRAMS
 SPECTROMETERS
 SPECTROSCOPY
 STARK EFFECT
 TOROIDAL DISCHARGE
 ULTRASONIC SPECTROSCOPY
 ULTRAVIOLET SPECTROSCOPY
 ZEEMAN EFFECT

SPEED

USE VELOCITY

SPHERICAL COORDINATES

UF CURVILINEAR COORDINATES
 GS COORDINATES
 . SPHERICAL COORDINATES
 RT ASTRONOMICAL COORDINATES

SPHERICAL COORDINATES-(CONT.)

CELESTIAL REFERENCE SYSTEMS
 GEOCENTRIC COORDINATES
 PLANETOCENTRIC COORDINATES
 POLAR COORDINATES
 POSITION (LOCATION)
 ∞ REFERENCE SYSTEMS

SPHERICAL HARMONICS

GS ANALYSIS (MATHEMATICS)
 . COMPLEX VARIABLES
 . SPHERICAL HARMONICS
 FUNCTIONS (MATHEMATICS)
 . SPHERICAL HARMONICS
 HARMONICS
 RT SPHERICAL HARMONICS
 LEGENDRE FUNCTIONS

SPICULES

GS STELLAR ACTIVITY
 . SOLAR ACTIVITY
 . SPICULES
 RT CHROMOSPHERE
 PHOTOSPHERE
 SOLAR ATMOSPHERE

SPIN TEMPERATURE

SN (LIMITED TO ASTROPHYSICS)
 GS TEMPERATURE
 . SPIN TEMPERATURE
 RT ABSORPTION SPECTRA
 ASTROPHYSICS
 HYDROGEN CLOUDS
 INTERSTELLAR GAS
 INTERSTELLAR MATTER

SPIRAL GALAXIES

GS CELESTIAL BODIES
 . GALAXIES
 . SPIRAL GALAXIES
 . . . BARRED GALAXIES
 . . . MILKY WAY GALAXY
 RT ANDROMEDA GALAXY
 COROTATION
 DENSITY WAVE MODEL
 DISK GALAXIES
 ELLIPTICAL GALAXIES
 LOCAL GROUP (ASTRONOMY)
 MAFFEI GALAXIES
 SEYFERT GALAXIES
 VIRGO GALACTIC CLUSTER

SPORADIC E LAYER

GS EARTH ATMOSPHERE
 . UPPER ATMOSPHERE
 . EARTH IONOSPHERE
 . . . E REGION
 SPORADIC E LAYER
 REGIONS
 . E REGION
 . . SPORADIC E LAYER
 RT E-1 LAYER
 E-2 LAYER
 MIDLATITUDE ATMOSPHERE

SPORADIC METEORIODS

SN (METEORIODS NOT ASSOCIATED WITH A
 METEOROID SHOWER OR STREAM)
 GS CELESTIAL BODIES
 . METEORIODS
 . . SPORADIC METEORIODS
 RT METEOR TRAILS
 METEOROID CONCENTRATION

STAR CLUSTERS

GS CELESTIAL BODIES
 . STAR CLUSTERS
 . . GLOBULAR CLUSTERS
 . . . HORIZONTAL BRANCH STARS
 . . . OPEN CLUSTERS
 . . . PLEIADES CLUSTER
 . . . PRAESEPE STAR CLUSTERS
 RT BARRED GALAXIES
 BINARY STARS
 ∞ CLUSTERS
 COLOR-MAGNITUDE DIAGRAM
 DISK GALAXIES
 ELLIPTICAL GALAXIES
 GALACTIC CLUSTERS
 GALAXIES
 IRREGULAR GALAXIES
 MAGELLANIC CLOUDS
 METALLICITY
 SOLAR NEIGHBORHOOD
 STARS

STAR CLUSTERS-(CONT.)

STELLAR SYSTEMS
 VIRGO GALACTIC CLUSTER

STAR DISTRIBUTION

UF STAR FIELDS
 STELLAR FIELDS
 GS DISTRIBUTION (PROPERTY)
 . SPATIAL DISTRIBUTION
 . . STAR DISTRIBUTION
 . VERTICAL DISTRIBUTION
 . . STAR DISTRIBUTION
 RT ANGULAR DISTRIBUTION
 ASTROLABES
 BARRED GALAXIES
 COSMOLOGY
 GALACTIC CLUSTERS
 GALACTIC EVOLUTION
 GLOBULAR CLUSTERS
 MASS DISTRIBUTION
 RADIAL DISTRIBUTION
 STAR FORMATION
 STELLAR SYSTEMS
 VIRGO GALACTIC CLUSTER

STAR FIELDS

USE STAR DISTRIBUTION

STAR FORMATION

GS EVOLUTION (DEVELOPMENT)
 . STELLAR EVOLUTION
 . . STAR FORMATION
 RT ASTROPHYSICS
 COOLING FLOWS (ASTROPHYSICS)
 COSMOLOGY
 EARLY STARS
 HYDROGEN CLOUDS
 INTERSTELLAR GAS
 INTERSTELLAR MATTER
 MOLECULAR CLOUDS
 NEBULAE
 NUCLEAR FUSION
 PRE-MAIN SEQUENCE STARS
 PROTOSTARS
 STAR DISTRIBUTION
 STAR FORMATION RATE
 STARBURST GALAXIES
 STARS
 STELLAR MASS ACCRETION
 T TAURI STARS

STAR FORMATION RATE

RT GALACTIC EVOLUTION
 GALAXIES
 STAR FORMATION
 STARBURST GALAXIES
 STELLAR EVOLUTION

STARBURST GALAXIES

GS CELESTIAL BODIES
 . GALAXIES
 . . STARBURST GALAXIES
 RT GALACTIC NUCLEI
 STAR FORMATION
 STAR FORMATION RATE

STARLAB

UF SPACELAB UV-OPTICAL TELESCOPE
 FACILITY
 GS TELESCOPES
 . SPACEBORNE TELESCOPES
 . . STARLAB
 . . ULTRAVIOLET TELESCOPES
 . . STARLAB
 RT ∞ OPTICS
 SPACE SHUTTLE PAYLOADS
 SPACELAB

STARPROBE MISSION

GS PROGRAMS
 . NASA PROGRAMS
 . . NASA SPACE PROGRAMS
 . . . STARPROBE MISSION
 . . . SPACE PROGRAMS
 . . . NASA SPACE PROGRAMS
 . . . STARPROBE MISSION
 SPACE MISSIONS
 . STARPROBE MISSION
 RT STARPROBE SPACECRAFT

STARPROBE SPACECRAFT

GS UNMANNED SPACECRAFT
 . SPACE PROBES
 . . SOLAR PROBES
 . . . STARPROBE SPACECRAFT

STELLAR EVOLUTION

STARPROBE SPACECRAFT-(CONT.)

RT STARPROBE MISSION

STARS

GS CELESTIAL BODIES
 . STARS
 . . BLACK HOLES (ASTRONOMY)
 . . DOUBLE STARS
 . . BINARY STARS
 . . . CATAclysmic VARIABLES
 . . . COMPANION STARS
 . . . NEMESIS (STAR)
 . . . ECLIPSING BINARY STARS
 . . . DWARF NOVAE
 . . . LAMBDA TAURI STARS
 . . . ZETA AURIGAE STAR
 . . . SIGMA ORIONIS
 . . . SYMBIOTIC STARS
 . . EARLY STARS
 . . . HOT STARS
 . . . A STARS
 . . . B STARS
 SIGMA ORIONIS
 . . . BLUE STARS
 . . . O STARS
 . . . WHITE DWARF STARS
 . . . WOLF-RAYET STARS
 . . F STARS
 . . G STARS
 . . SUN
 . . GIANT STARS
 . . . ASYMPTOTIC GIANT BRANCH STARS
 . . . OMICRON CETI STAR
 . . . RED GIANT STARS
 . . . CARBON STARS
 . . . INFRARED STARS
 . . LATE STARS
 . . . COOL STARS
 . . . CARBON STARS
 . . . FLARE STARS
 . . . K STARS
 . . . M STARS
 VAN BIESBROECK STAR
 . . . MIRA VARIABLES
 OMICRON CETI STAR
 . . . S STARS
 . . . MAGNETIC STARS
 . . . MAIN SEQUENCE STARS
 . . . DWARF STARS
 . . . DWARF NOVAE
 . . . FLARE STARS
 . . . RED DWARF STARS
 . . . SUN
 . . METALLIC STARS
 . . NEUTRON STARS
 . . PULSARS
 . . PECULIAR STARS
 . . . SIGMA ORIONIS
 . . . SYMBIOTIC STARS
 . . . PRAESEPE STAR CLUSTERS
 . . . PROTOSTARS
 . . . PRE-MAIN SEQUENCE STARS
 . . . T TAURI STARS
 . . . RADIO STARS
 . . . PULSARS
 . . . REFERENCE STARS
 . . . SUBDWARF STARS
 . . . SUBGIANT STARS
 . . . SUPERGIANT STARS
 . . . R CORONAE BOREALIS STARS
 . . . SUPERMASSIVE STARS
 . . . VARIABLE STARS
 . . . CATAclysmic VARIABLES
 . . . CEPHEID VARIABLES
 . . . FLARE STARS
 . . . IRREGULAR VARIABLE STARS
 . . . R CORONAE BOREALIS STARS
 . . . LAMBDA TAURI STARS
 . . . MIRA VARIABLES
 . . . OMICRON CETI STAR
 . . . NOVAE
 . . . DWARF NOVAE
 . . . HERCULES NOVA
 . . . SEMIREGULAR VARIABLE STARS
 . . . SUPERNOVAE
 . . . SUPERNOVA 1987A
 . . . SYMBIOTIC STARS
 . . . T TAURI STARS
 . . . WHITE HOLES (ASTRONOMY)
 . . X RAY STARS
 RT ARIES CONSTELLATION
 ASTROLABES
 BARRED GALAXIES
 CASSIOPEIA CONSTELLATION
 CELESTIAL MECHANICS

STARS-(CONT.)

CENTAURUS CONSTELLATION
 CONSTELLATIONS
 CORONA BOREALIS CONSTELLATION
 CYGNUS CONSTELLATION
 FAINT OBJECTS
 GALAXIES
 IRREGULAR GALAXIES
 LYRA CONSTELLATION
 MAGELLANIC CLOUDS
 METALLICITY
 MILKY WAY GALAXY
 QUASARS
 SOLAR NEIGHBORHOOD
 STAR CLUSTERS
 STAR FORMATION
 STARSPOTS
 STELLAR ACTIVITY
 STELLAR COMPOSITION
 STELLAR CORES
 STELLAR GRAVITATION
 STELLAR INTERIORS
 STELLAR MAGNITUDE
 STELLAR OSCILLATIONS
 VIRGO GALACTIC CLUSTER

STARSAT TELESCOPE

GS TELESCOPES
 . REFLECTING TELESCOPES
 . . STARSAT TELESCOPE
 . SPACEBORNE TELESCOPES
 . . STARSAT TELESCOPE
 RT CORONAGRAPHS
 SPACEBORNE ASTRONOMY
 SPECTROHELIOGRAPHS
 ULTRAVIOLET ASTRONOMY

STARSPOTS

GS STELLAR ACTIVITY
 . STARSPTS
 RT FACULAE
 MAGNETIC DISTURBANCES
 PHOTOSPHERE
 SOLAR ACTIVITY
 STARS
 STELLAR ATMOSPHERES
 STELLAR LUMINOSITY
 STELLAR MAGNETIC FIELDS
 STELLAR RADIATION
 SUNSPOT CYCLE
 TWENTY-SEVEN DAY VARIATION

STATIONARY ORBITS

GS ORBITS
 . CIRCULAR ORBITS
 . . STATIONARY ORBITS
 . EQUATORIAL ORBITS
 . . STATIONARY ORBITS
 . SPACECRAFT ORBITS
 . . SATELLITE ORBITS
 . . STATIONARY ORBITS
 RT EARTH ORBITS
 GEOSYNCHRONOUS ORBITS
 SYNCHRONOUS SATELLITES
 TWENTY-FOUR HOUR ORBITS

STELLAR ACTIVITY

GS STELLAR ACTIVITY
 . SOLAR ACTIVITY
 . . FACULAE
 . . SOLAR PROMINENCES
 . . SOLAR STORMS
 . . SPICULES
 . . STELLAR FLARES
 . . . SOLAR FLARES
 . . SUNSPOTS
 . . STARSPTS
 RT FLARE STARS
 . FLARES
 . MAGNETIC DISTURBANCES
 . MAGNETOHYDRODYNAMICS
 . PHOTOSPHERE
 . STARS
 . STELLAR INTERIORS
 . STELLAR LUMINOSITY
 . STELLAR MAGNETIC FIELDS
 . STELLAR MASS EJECTION
 . STELLAR OSCILLATIONS
 . STELLAR PHYSICS
 . STELLAR RADIATION
 . SUNSPOT CYCLE

STELLAR ATMOSPHERES

GS ENVIRONMENTS
 . EXTRATERRESTRIAL ENVIRONMENTS

STELLAR ATMOSPHERES-(CONT.)

. . STELLAR ATMOSPHERES
 . . . CHROMOSPHERE
 . . . SOLAR ATMOSPHERE
 RT . . ATMOSPHERES
 . COOL STARS
 . LIMB BRIGHTENING
 . LIMB DARKENING
 . METALLIC STARS
 . RADIATIVE TRANSFER
 . SATELLITE ATMOSPHERES
 . STARSPOTS
 . STELLAR CORONAS
 . STELLAR INTERIORS

STELLAR COLOR

RT COLOR-COLOR DIAGRAM
 COLOR-MAGNITUDE DIAGRAM
 STELLAR LUMINOSITY
 STELLAR MAGNITUDE
 STELLAR SPECTRA
 STELLAR SPECTROPHOTOMETRY

STELLAR COMPOSITION

GS COMPOSITION (PROPERTY)
 . CHEMICAL COMPOSITION
 . . STELLAR COMPOSITION
 RT ABUNDANCE
 B STARS
 CARBON STARS
 STARS
 STELLAR MODELS
 STELLAR PHYSICS
 STELLAR STRUCTURE

STELLAR CORES

GS CORES
 . STELLAR CORES
 . STELLAR INTERIORS
 . STELLAR CORES
 RT ASTROPHYSICS
 DEGENERATE MATTER
 GRAVITATIONAL COLLAPSE
 PLANETARY CORES
 SOLAR INTERIOR
 STARS
 STELLAR CORONAS
 STELLAR STRUCTURE

STELLAR CORONAS

GS CORONAS
 . STELLAR CORONAS
 . . SOLAR CORONA
 . . . CORONAL HOLES
 . . . CORONAL LOOPS
 RT IONIZATION
 ORION NEBULA
 STELLAR ATMOSPHERES
 STELLAR CORES

STELLAR DOPPLER SHIFT

USE DOPPLER EFFECT
 EXTRATERRESTRIAL RADIATION

STELLAR ENVELOPES

UF CIRCUMSTELLAR MATTER
 RT ASTROPHYSICS
 COOL STARS
 . ENVELOPES
 . R CORONAE BOREALIS STARS
 . SYMBIOTIC STARS
 . WOLF-RAYET STARS

STELLAR EVOLUTION

GS EVOLUTION (DEVELOPMENT)
 . STELLAR EVOLUTION
 . . STAR FORMATION
 . . STELLAR MASS ACCRETION
 RT ASTROPHYSICS
 ASYMPTOTIC GIANT BRANCH STARS
 COLOR-MAGNITUDE DIAGRAM
 COSMOLOGY
 DEGENERATE MATTER
 GALACTIC EVOLUTION
 HERTZSPRUNG-RUSSELL DIAGRAM
 HORIZONTAL BRANCH STARS
 INTERSTELLAR EXTINCTION
 LATE STARS
 MAIN SEQUENCE STARS
 NEUTRAL CURRENTS
 PLANETARY EVOLUTION
 PRE-MAIN SEQUENCE STARS
 PROTOPLANETS
 PROTOSTARS
 RED GIANT STARS

STELLAR FIELDS

STELLAR EVOLUTION-(CONT.)

STAR FORMATION RATE
STELLAR INTERIORS
STELLAR PHYSICS
SUBGIANT STARS

STELLAR FIELDS

USE STAR DISTRIBUTION

STELLAR FLARES

GS STELLAR ACTIVITY
SOLAR ACTIVITY
STELLAR FLARES
SOLAR FLARES
RT CATAclysmic VARIABLES
FLARE STARS
FLARES
STELLAR LUMINOSITY
STELLAR PHYSICS
STELLAR RADIATION

STELLAR GRAVITATION

GS GRAVITATION
STELLAR GRAVITATION
SOLAR GRAVITATION
RT GRAVITATIONAL FIELDS
GRAVITATIONAL LENSES
STARS
STELLAR MASS
STELLAR SYSTEMS

STELLAR INTERIORS

GS STELLAR INTERIORS
SOLAR INTERIOR
STELLAR CORES
RT ASTROPHYSICS
CONVECTION
GRAVITATIONAL COLLAPSE
NUCLEAR FUSION
STARS
STELLAR ACTIVITY
STELLAR ATMOSPHERES
STELLAR EVOLUTION
STELLAR MODELS
STELLAR PHYSICS
STELLAR STRUCTURE

STELLAR LUMINOSITY

GS ELECTROMAGNETIC PROPERTIES
OPTICAL PROPERTIES
LUMINOSITY
STELLAR LUMINOSITY
RT BRIGHTNESS
BRIGHTNESS DISTRIBUTION
HERTZSPRUNG-RUSSELL DIAGRAM
HORIZONTAL BRANCH STARS
LIMB BRIGHTENING
LIMB DARKENING
LUMINESCENCE
MASS TO LIGHT RATIOS
RED DWARF STARS
RED GIANT STARS
STARSPOTS
STELLAR ACTIVITY
STELLAR COLOR
STELLAR FLARES
STELLAR PARALLAX
STELLAR PHYSICS
WOLF-RAYET STARS

STELLAR MAGNETIC FIELDS

GS MAGNETIC FIELDS
STELLAR MAGNETIC FIELDS
SOLAR MAGNETIC FIELD
RT ELECTROMAGNETIC FIELDS
INTERSTELLAR MAGNETIC FIELDS
MAGNETIC FIELD CONFIGURATIONS
PLASMAS (PHYSICS)
STARSPOTS
STELLAR ACTIVITY

STELLAR MAGNITUDE

GS MAGNITUDE
STELLAR MAGNITUDE
RT ASTRONOMY
COLOR-MAGNITUDE DIAGRAM
INTENSITY
LUMINANCE
LUMINOUS INTENSITY
RED DWARF STARS
STARS
STELLAR COLOR
STELLAR PARALLAX

STELLAR MASS

GS MASS
STELLAR MASS
RT DEGENERATE MATTER
GALACTIC MASS
MAIN SEQUENCE STARS
MASS TO LIGHT RATIOS
NOVAE
STELLAR GRAVITATION
STELLAR TEMPERATURE
SUPERNOVAE
VARIABLE STARS

STELLAR MASS ACCRETION

GS EVOLUTION (DEVELOPMENT)
STELLAR EVOLUTION
STELLAR MASS ACCRETION
RT ACCRETION DISKS
COSMOLOGY
DWARF NOVAE
GALACTIC EVOLUTION
GRAVITATIONAL EFFECTS
INTERSTELLAR GAS
INTERSTELLAR MATTER
PROTOSTARS
STAR FORMATION
STELLAR PHYSICS
SYMBIOTIC STARS
X RAY BINARIES

STELLAR MASS EJECTION

GS EJECTION
STELLAR MASS EJECTION
RT ASYMPTOTIC GIANT BRANCH STARS
CATAclysmic VARIABLES
DWARF NOVAE
MAGNETIC CLOUDS
NOVAE
R CORONAE BOREALIS STARS
STELLAR ACTIVITY
SUPERNOVAE
VARIABLE STARS
WOLF-RAYET STARS

STELLAR MODELS

GS MODELS
ASTRONOMICAL MODELS
STELLAR MODELS
RT ASTRONOMY
SOLAR NEUTRINOS
SOLAR OSCILLATIONS
STELLAR COMPOSITION
STELLAR INTERIORS
SUPERMASSIVE STARS

STELLAR MOTIONS

GS STELLAR MOTIONS
STELLAR ORBITS
STELLAR OSCILLATIONS
SOLAR OSCILLATIONS
STELLAR ROTATION
SOLAR ROTATION
RT COMPANION STARS
COROTATION
DOPPLER EFFECT
DOPPLER-FIZEAU EFFECT
DOUBLE STARS
GALACTIC ROTATION
HIPPARCOS SATELLITE
MOTION
SIDEREAL TIME
STELLAR PARALLAX
STELLAR SYSTEMS

STELLAR OCCULTATION

GS OCCULTATION
STELLAR OCCULTATION
RT ECLIPSING BINARY STARS
LUNAR OCCULTATION

STELLAR ORBITS

SN (EXCLUDES PLANETARY ORBITS)
GS ORBITS
STELLAR ORBITS
STELLAR MOTIONS
STELLAR ORBITS
RT CELESTIAL MECHANICS
NEMESIS (STAR)

STELLAR OSCILLATIONS

GS OSCILLATIONS
STELLAR OSCILLATIONS
SOLAR OSCILLATIONS
STELLAR MOTIONS
STELLAR OSCILLATIONS

STELLAR OSCILLATIONS-(CONT.)

RT SOLAR OSCILLATIONS
ASTRONOMICAL MODELS
ASTRONOMY
ASTROPHYSICS
ATMOSPHERIC MODELS
CATAclysmic VARIABLES
MIRA VARIABLES
STARS
STELLAR ACTIVITY
SYMBIOTIC STARS
VARIABLE STARS

STELLAR PARALLAX

GS PARALLAX
STELLAR PARALLAX
RT ASTROMETRY
BINARY STARS
HIPPARCOS SATELLITE
SOLAR PARALLAX
STELLAR LUMINOSITY
STELLAR MAGNITUDE
STELLAR MOTIONS

STELLAR PHYSICS

GS ASTROPHYSICS
STELLAR PHYSICS
SOLAR PHYSICS
RT NUCLEAR FUSION
SCIENCE
STELLAR ACTIVITY
STELLAR COMPOSITION
STELLAR EVOLUTION
STELLAR FLARES
STELLAR INTERIORS
STELLAR LUMINOSITY
STELLAR MASS ACCRETION
STELLAR RADIATION
STELLAR ROTATION
STELLAR STRUCTURE
SUPERNOVAE

STELLAR RADIATION

GS EXTRATERRESTRIAL RADIATION
STELLAR RADIATION
STELLAR WINDS
RT COSMIC RAYS
ELECTROMAGNETIC RADIATION
GALACTIC RADIATION
GAMMA RAY BURSTS
HERBIG-HARO OBJECTS
INTERSTELLAR EXTINCTION
INTERSTELLAR RADIATION
LIGHT CURVE
MICROWAVE EMISSION
POLARIZED ELECTROMAGNETIC RADIATION
RADIATION
RADIATIVE TRANSFER
RADIO BURSTS
RADIO STARS
SOLAR RADIATION
STARSPOTS
STELLAR ACTIVITY
STELLAR FLARES
STELLAR PHYSICS
X RAY STARS

STELLAR ROTATION

GS GYRATION
ROTATION
STELLAR ROTATION
SOLAR ROTATION
STELLAR MOTIONS
STELLAR ROTATION
SOLAR ROTATION
RT ANGULAR MOMENTUM
COROTATION
PLANETARY ROTATION
STELLAR PHYSICS

STELLAR SPECTRA

GS SPECTRA
RADIATION SPECTRA
ELECTROMAGNETIC SPECTRA
STELLAR SPECTRA
SOLAR SPECTRA
RT ABSORPTION SPECTRA
ASTRONOMICAL SPECTROSCOPY
COLOR-COLOR DIAGRAM
CONTINUOUS SPECTRA
COOL STARS
EMISSION SPECTRA
F STARS
G STARS

STELLAR SPECTRA-(CONT.)

HERBIG-HARO OBJECTS
 HERTZSPRUNG-RUSSELL DIAGRAM
 HORIZONTAL BRANCH STARS
 INFRARED SPECTRA
 K STARS
 LINE SPECTRA
 MOLECULAR SPECTRA
 PECULIAR STARS
 SEYFERT GALAXIES
 STELLAR COLOR
 SYMBIOTIC STARS
 ULTRAVIOLET SPECTRA
 VISIBLE SPECTRUM
 X RAY SPECTRA

STELLAR SPECTROPHOTOMETRY

GS OPTICAL MEASUREMENT
 . PHOTOMETRY
 . ASTRONOMICAL PHOTOMETRY
 . STELLAR SPECTROPHOTOMETRY
 . SPECTROPHOTOMETRY
 . STELLAR SPECTROPHOTOMETRY
 SPECTROSCOPY
 . SPECTROPHOTOMETRY
 . STELLAR SPECTROPHOTOMETRY
 RT COLOR-COLOR DIAGRAM
 HORIZONTAL BRANCH STARS
 INFRARED PHOTOMETRY
 PECULIAR STARS
 SPECTROSCOPIC TELESCOPES
 STELLAR COLOR

STELLAR STRUCTURE

RT CHROMOSPHERE
 CORONAL HOLES
 DENSE PLASMAS
 METALLIC STARS
 PECULIAR STARS
 SOLAR ATMOSPHERE
 SOLAR CORONA
 SOLAR INTERIOR
 STELLAR COMPOSITION
 STELLAR CORES
 STELLAR INTERIORS
 STELLAR PHYSICS
 ∞ STRUCTURES
 SUPERMASSIVE STARS

STELLAR SYSTEMS

SN (EXCLUDES PLANETARY SYSTEMS)
 GS CELESTIAL BODIES
 . STELLAR SYSTEMS
 RT BINARY STARS
 GALACTIC CLUSTERS
 GALACTIC ROTATION
 GALACTIC STRUCTURE
 GALAXIES
 GRAVITATIONAL COLLAPSE
 GRAVITATIONAL EFFECTS
 NEMESIS (STAR)
 SIGMA ORIONIS
 STAR CLUSTERS
 STAR DISTRIBUTION
 STELLAR GRAVITATION
 STELLAR MOTIONS

STELLAR TEMPERATURE

GS TEMPERATURE
 . STELLAR TEMPERATURE
 RT COOL STARS
 STELLAR MASS
 SYMBIOTIC STARS

STELLAR WINDS

GS EXTRATERRESTRIAL RADIATION
 . STELLAR RADIATION
 . STELLAR WINDS
 PARTICLES
 . CHARGED PARTICLES
 . ENERGETIC PARTICLES
 . PLASMAS (PHYSICS)
 . SPACE PLASMAS
 . STELLAR WINDS
 RT CHROMOSPHERE
 COSMIC PLASMA
 INTERGALACTIC MEDIA
 INTERSTELLAR GAS
 RADIATION PRESSURE
 SOLAR WIND
 SOLAR WIND VELOCITY

STONES (ROCKS)

USE ROCKS

STONY METEORITES

GS CELESTIAL BODIES
 . METEORITES
 . STONY METEORITES
 . ACHONDRITES
 . BONDOC METEORITE
 . KAPOETA ACHONDRITE
 . NORTON COUNTY ACHONDRITE
 . CHONDRITES
 . BRUDERHEIM METEORITE
 . CARBONACEOUS CHONDRITES
 . ALLENDE METEORITE
 . MURCHISON METEORITE
 . CARBONACEOUS METEORITES
 . ALAIS METEORITE
 . COLD BOKKEVELD METEORITE
 . IVUNA METEORITE
 . MURRAY METEORITE
 . ORGUEIL METEORITE
 . TONK METEORITE
 . HVITIS CHONDRITE
 . PANTAR CHONDRITES
 . PRIBRAM METEORITE
 . TEKTITES
 . AUSTRALITES
 . BEDIASITES
 . TUNGUSK METEORITE
 RT COESITE
 HARLETON METEORITE
 IRON METEORITES
 LAZAREV METEORITE
 METEORITIC COMPOSITION
 METEORITIC MICROSTRUCTURES
 OKHANSK METEORITE
 SCHREIBERSITE

STORMS

GS STORMS
 . IONOSPHERIC STORMS
 . SUDDEN IONOSPHERIC
 DISTURBANCES
 . MAGNETIC STORMS
 . NOISE STORMS
 . SOLAR STORMS
 . STORMS (METEOROLOGY)
 . CYCLONES
 . HURRICANES
 . ANNA HURRICANE
 . TYPHOONS
 . DUST STORMS
 . HAILSTORMS
 . MICROBURSTS (METEOROLOGY)
 . POLAR SUBSTORMS
 . RAINSTORMS
 . THUNDERSTORMS
 . SNOWSTORMS
 . TORNADOES
 . TROPICAL STORMS
 . HURRICANES
 . ANNA HURRICANE
 . TYPHOONS
 RT CLIMATOLOGY
 COLD FRONTS
 ∞ DISTURBANCES
 FLOOD DAMAGE
 FLOODS
 FRONTS (METEOROLOGY)
 GUSTS
 PRECIPITATION (METEOROLOGY)
 SNOW COVER
 SOLAR TERRESTRIAL INTERACTIONS
 STORM DAMAGE
 STORM ENHANCEMENT
 STORM SUPPRESSION
 SUDDEN STORM COMMENCEMENTS
 WARM FRONTS
 WEATHER FORECASTING
 WIND (METEOROLOGY)

STRATOPAUSE

SN (ALTITUDE APPROXIMATELY 50 KM)
 GS EARTH ATMOSPHERE
 . MIDDLE ATMOSPHERE
 . STRATOPAUSE
 . STRATOPAUSE
 RT MESOPAUSE
 MESOSPHERE

STRATOSCOPE TELESCOPES

UF STRATOSCOPE 1 TELESCOPE
 STRATOSCOPE 2 TELESCOPE
 GS TELESCOPES
 . SPECTROSCOPIC TELESCOPES
 . STRATOSCOPE TELESCOPES
 RT BALLOONS

SUDDEN IONOSPHERIC DISTURBANCES**STRATOSCOPE TELESCOPES-(CONT.)**

REFLECTING TELESCOPES
 REFRACTING TELESCOPES

STRATOSCOPE 1 TELESCOPE

USE STRATOSCOPE TELESCOPES

STRATOSCOPE 2 TELESCOPE

USE STRATOSCOPE TELESCOPES

STRATOSPHERE

SN (ALTITUDE RANGE BETWEEN
 APPROXIMATELY 15 AND 50 KM)
 GS EARTH ATMOSPHERE
 . MIDDLE ATMOSPHERE
 . STRATOSPHERE
 . OZONOSPHERE
 . STRATOPAUSE
 RT CHEMOSPHERE
 HOMOSPHERE
 ISOTHERMAL LAYERS

STRATOSPHERE RADIATION

GS ATMOSPHERIC RADIATION
 . STRATOSPHERE RADIATION
 RT CORPUSCULAR RADIATION
 ELECTROMAGNETIC RADIATION
 ∞ RADIATION
 SKY RADIATION
 TROPOSPHERIC RADIATION

STRONG INTERACTIONS (FIELD THEORY)

GS FIELD THEORY (PHYSICS)
 . STRONG INTERACTIONS (FIELD
 THEORY)
 PARTICLE INTERACTIONS
 . ELEMENTARY PARTICLE
 INTERACTIONS
 . HIGH ENERGY INTERACTIONS
 . STRONG INTERACTIONS (FIELD
 THEORY)
 RT GRAND UNIFIED THEORY
 ∞ INTERACTIONS
 NUCLEAR INTERACTIONS
 NUCLEAR REACTIONS
 ∞ THEORIES
 WEAK INTERACTIONS (FIELD THEORY)

SUBDWARF STARS

GS CELESTIAL BODIES
 . STARS
 . SUBDWARF STARS
 RT DWARF STARS
 MAIN SEQUENCE STARS
 RED DWARF STARS
 WHITE DWARF STARS

SUBGIANT STARS

GS CELESTIAL BODIES
 . STARS
 . SUBGIANT STARS
 RT CARBON STARS
 DWARF STARS
 GIANT STARS
 LATE STARS
 M STARS
 MAIN SEQUENCE STARS
 STELLAR EVOLUTION
 SUPERGIANT STARS

SUBMILLIMETER WAVES

SN (BELOW 1 MILLIMETER)
 GS ELECTROMAGNETIC RADIATION
 . RADIO WAVES
 . SHORT WAVE RADIATION
 . SUBMILLIMETER WAVES
 RT BEAMS (RADIATION)
 ELECTROMAGNETIC NOISE
 FAR INFRARED RADIATION
 FREQUENCIES
 MICROWAVES
 MILLIMETER WAVES
 WAVELENGTHS

SUDDEN IONOSPHERIC DISTURBANCES

UF GEOMAGNETIC CROTCHETS
 SID (IONOSPHERIC DISTURBANCES)
 GS IONOSPHERIC DISTURBANCES
 . IONOSPHERIC STORMS
 . SUDDEN IONOSPHERIC
 DISTURBANCES
 STORMS
 . IONOSPHERIC STORMS

SUN

SUDDEN IONOSPHERIC-(CONT.)

.. SUDDEN IONOSPHERIC DISTURBANCES

RT ∞ DISTURBANCES
MAGNETIC DISTURBANCES
MAGNETIC STORMS
SOLAR ACTIVITY EFFECTS
TRAVELING IONOSPHERIC DISTURBANCES

SUN

UF SOLAR DISK
GS CELESTIAL BODIES

.. STARS
.. G STARS
.. SUN
.. MAIN SEQUENCE STARS
.. SUN

RT AOSO
ASTEC SOLAR TURBOELECTRIC GENERATOR
CELESTIAL MECHANICS
GRIST (TELESCOPE)
LIGHT SOURCES
OSO
PHOTOSPHERE
PLANETS
SATELLITE SOLAR ENERGY CONVERSION
SATELLITE SOLAR POWER STATIONS
SOLAR ACTIVITY
SOLAR ACTIVITY EFFECTS
SOLAR ARRAYS
SOLAR ATMOSPHERE
SOLAR ATRIUMS
SOLAR AUXILIARY POWER UNITS
SOLAR BLANKETS
SOLAR CELLS
SOLAR COLLECTORS
SOLAR COMPASSES
SOLAR CONSTANT
SOLAR COOLING
SOLAR CORONA
SOLAR CORPUSCULAR RADIATION
SOLAR COSMIC RAYS
SOLAR CYCLES
SOLAR ECLIPSES
SOLAR ELECTRIC PROPULSION
SOLAR ELECTRONS
SOLAR ENERGY
SOLAR ENERGY ABSORBERS
SOLAR ENERGY CONVERSION
SOLAR FLARES
SOLAR FLUX
SOLAR FLUX DENSITY
SOLAR FURNACES
SOLAR GENERATORS
SOLAR GRANULATION
SOLAR GRAVITATION
SOLAR HEATING
SOLAR HOUSES
SOLAR INSTRUMENTS
SOLAR INTERIOR
SOLAR LIMB
SOLAR LONGITUDE
SOLAR MAGNETIC FIELD
SOLAR MAXIMUM MISSION
SOLAR MAXIMUM MISSION-A
SOLAR MESOSPHERE EXPLORER
SOLAR NEIGHBORHOOD
SOLAR NEUTRINOS
SOLAR OBLATENESS
SOLAR OBSERVATORIES
SOLAR ORBITS
SOLAR OSCILLATIONS
SOLAR PARALLAX
SOLAR PHYSICS
SOLAR PONDS (HEAT STORAGE)
SOLAR POSITION
SOLAR POWER SATELLITES
SOLAR POWERED AIRCRAFT
SOLAR PROBES
SOLAR PROMINENCES
SOLAR PROPULSION
SOLAR PROTONS
SOLAR RADAR ECHOES
SOLAR RADIATION
SOLAR RADIATION SHIELDING
SOLAR RADIATION 1 SATELLITE
SOLAR RADIATION 3 SATELLITE
SOLAR RADIO BURSTS
SOLAR REFLECTORS
SOLAR ROTATION
SOLAR SAILS
SOLAR SEA POWER PLANTS
SOLAR SENSORS

SUN-(CONT.)

SOLAR SIMULATION
SOLAR SIMULATORS
SOLAR SPECTRA
SOLAR SPECTROMETERS
SOLAR STORMS
SOLAR SYSTEM
SOLAR TEMPERATURE
SOLAR TERRESTRIAL INTERACTIONS
SOLAR THERMAL PROPULSION
SOLAR TOTAL ENERGY SYSTEMS
SOLAR VELOCITY
SOLAR WIND
SOLAR WIND VELOCITY
SOLAR X-RAYS
SUNLIGHT
ULYSSES MISSION

SUN SENSORS

USE SOLAR SENSORS

SUNLIGHT

GS ELECTROMAGNETIC RADIATION
.. LIGHT (VISIBLE RADIATION)
.. SUNLIGHT
EXTRATERRESTRIAL RADIATION
.. SOLAR RADIATION
.. SUNLIGHT
RT BLACK BODY RADIATION
CIRCUMSOLAR RADIATION
CLIMATOLOGY
CLOUD COVER
INFRARED RADIATION
INSOLATION
SKY
SKY BRIGHTNESS
SKY RADIATION
SOLAR HEATING
SUN
THERMAL RADIATION
ULTRAVIOLET RADIATION
UMKEHR EFFECT
ZODIACAL LIGHT

SUNRISE

RT MORNING
 ∞ SCIENCE
SUNSET
TERMINATOR LINES

SUNSET

RT EVENING
 ∞ SCIENCE
SUNRISE
TERMINATOR LINES

SUNSPOT CYCLE

GS CYCLES
.. SOLAR CYCLES
.. SUNSPOT CYCLE
RT SOLAR ACTIVITY
STARSPOTS
STELLAR ACTIVITY

SUNSPOTS

GS STELLAR ACTIVITY
.. SOLAR ACTIVITY
.. SUNSPOTS
RT FACULAE
MAGNETIC DISTURBANCES
PHOTOSPHERE
SOLAR CYCLES
SOLAR FLARES
SOLAR TERRESTRIAL INTERACTIONS
TWENTY-SEVEN DAY VARIATION

SUPERGIANT STARS

GS CELESTIAL BODIES
.. STARS
.. SUPERGIANT STARS
.. R CORONAE BOREALIS STARS
RT GIANT STARS
K STARS
M STARS
MIRA VARIABLES
SUBGIANT STARS

SUPERGRAVITY

GS GRAVITATION THEORY
.. SUPERGRAVITY
RT BROKEN SYMMETRY
COSMOLOGY
FIELD THEORY (PHYSICS)
GAUGE INVARIANCE
GAUGE THEORY

SUPERGRAVITY-(CONT.)

GRAVITINOS
GRAVITONS
GROUP THEORY
LIE GROUPS
PARTICLE THEORY
QUANTUM THEORY
RELATIVITY
SUPERSYMMETRY
THEORETICAL PHYSICS
UNIFIED FIELD THEORY
YANG-MILLS THEORY

SUPERMASSIVE STARS

GS CELESTIAL BODIES
.. STARS
.. SUPERMASSIVE STARS
RT DEGENERATE MATTER
STELLAR MODELS
STELLAR STRUCTURE

SUPERNOVA REMNANTS

RT BLACK HOLES (ASTRONOMY)
NEUTRON STARS
NORTH POLAR SPUR (ASTRONOMY)
PULSARS
RED DWARF STARS
SUPERNOVAE
WHITE DWARF STARS
WHITE HOLES (ASTRONOMY)

SUPERNOVA 1987A

GS CELESTIAL BODIES
.. STARS
.. VARIABLE STARS
.. SUPERNOVAE
.. SUPERNOVA 1987A
RT MAGELLANIC CLOUDS

SUPERNOVAE

GS CELESTIAL BODIES
.. STARS
.. VARIABLE STARS
.. SUPERNOVAE
.. SUPERNOVA 1987A
RT CRAB NEBULA
GRAVITATIONAL COLLAPSE
NEBULAE
NOVAE
OPIK THEORY
ORION NEBULA
STELLAR MASS
STELLAR MASS EJECTION
STELLAR PHYSICS
SUPERNOVA REMNANTS

SUPERSYMMETRY

GS SYMMETRY
.. SUPERSYMMETRY
RT BOSONS
BROKEN SYMMETRY
COSMOLOGY
FERMIONS
FIELD THEORY (PHYSICS)
GAUGE THEORY
GRAND UNIFIED THEORY
GRAVITATION THEORY
GROUP THEORY
LIE GROUPS
PARTICLE THEORY
QUANTUM THEORY
STRING THEORY
SUPERGRAVITY
THEORETICAL PHYSICS
UNIFIED FIELD THEORY

SURFACE TEMPERATURE

GS SURFACE PROPERTIES
.. SURFACE TEMPERATURE
.. SKIN TEMPERATURE
.. (NON-BIOLOGICAL)
.. WALL TEMPERATURE
TEMPERATURE
.. SURFACE TEMPERATURE
.. SKIN TEMPERATURE
.. (NON-BIOLOGICAL)
.. WALL TEMPERATURE
RT COARSENESS
GEOTHERMAL ANOMALIES
OCEAN TEMPERATURE
SEA SURFACE TEMPERATURE
 ∞ SURFACES
THERMOCLINES
WATER TEMPERATURE

TELESCOPES

SURVEYOR LUNAR PROBES

GS LUNAR SPACECRAFT
 . LUNAR PROBES
 . . SURVEYOR LUNAR PROBES
 . . . SURVEYOR 1 LUNAR PROBE
 . . . SURVEYOR 2 LUNAR PROBE
 . . . SURVEYOR 3 LUNAR PROBE
 . . . SURVEYOR 4 LUNAR PROBE
 . . . SURVEYOR 5 LUNAR PROBE
 . . . SURVEYOR 6 LUNAR PROBE
 . . . SURVEYOR 7 LUNAR PROBE
 SOFT LANDING SPACECRAFT
 . SURVEYOR LUNAR PROBES
 . . SURVEYOR 1 LUNAR PROBE
 . . SURVEYOR 2 LUNAR PROBE
 . . SURVEYOR 3 LUNAR PROBE
 . . SURVEYOR 4 LUNAR PROBE
 . . SURVEYOR 5 LUNAR PROBE
 . . SURVEYOR 6 LUNAR PROBE
 . . SURVEYOR 7 LUNAR PROBE
 UNMANNED SPACECRAFT
 . SPACE PROBES
 . . LUNAR PROBES
 . . . SURVEYOR LUNAR PROBES
 SURVEYOR 1 LUNAR PROBE
 SURVEYOR 2 LUNAR PROBE
 SURVEYOR 3 LUNAR PROBE
 SURVEYOR 4 LUNAR PROBE
 SURVEYOR 5 LUNAR PROBE
 SURVEYOR 6 LUNAR PROBE
 SURVEYOR 7 LUNAR PROBE

SURVEYOR PROJECT

GS PROGRAMS
 . LUNAR PROGRAMS
 . . SURVEYOR PROJECT
 . . . NASA PROGRAMS
 . . . NASA SPACE PROGRAMS
 . . . SURVEYOR PROJECT
 PROJECTS
 . . . SURVEYOR PROJECT
 SPACE PROGRAMS
 NASA SPACE PROGRAMS
 . . . SURVEYOR PROJECT
 RT ATLAS CENTAUR LAUNCH VEHICLE
 CENTAUR PROJECT
 LUNAR LANDING
 LUNAR PROBES
 LUNAR SPACECRAFT
 SOFT LANDING
 SOFT LANDING SPACECRAFT

SURVEYOR 1 LUNAR PROBE

GS LUNAR SPACECRAFT
 . LUNAR PROBES
 . . SURVEYOR LUNAR PROBES
 . . . SURVEYOR 1 LUNAR PROBE
 SOFT LANDING SPACECRAFT
 . SURVEYOR LUNAR PROBES
 . . SURVEYOR 1 LUNAR PROBE
 UNMANNED SPACECRAFT
 . SPACE PROBES
 . . LUNAR PROBES
 . . . SURVEYOR LUNAR PROBES
 SURVEYOR 1 LUNAR PROBE
 RT ATLAS CENTAUR LAUNCH VEHICLE

SURVEYOR 2 LUNAR PROBE

GS LUNAR SPACECRAFT
 . LUNAR PROBES
 . . SURVEYOR LUNAR PROBES
 . . . SURVEYOR 2 LUNAR PROBE
 SOFT LANDING SPACECRAFT
 . SURVEYOR LUNAR PROBES
 . . SURVEYOR 2 LUNAR PROBE
 UNMANNED SPACECRAFT
 . SPACE PROBES
 . . LUNAR PROBES
 . . . SURVEYOR LUNAR PROBES
 SURVEYOR 2 LUNAR PROBE
 RT ATLAS CENTAUR LAUNCH VEHICLE

SURVEYOR 3 LUNAR PROBE

GS LUNAR SPACECRAFT
 . LUNAR PROBES
 . . SURVEYOR LUNAR PROBES
 . . . SURVEYOR 3 LUNAR PROBE
 SOFT LANDING SPACECRAFT
 . SURVEYOR LUNAR PROBES
 . . SURVEYOR 3 LUNAR PROBE
 UNMANNED SPACECRAFT
 . SPACE PROBES
 . . LUNAR PROBES
 . . . SURVEYOR LUNAR PROBES
 SURVEYOR 3 LUNAR PROBE

SURVEYOR 3 LUNAR PROBE-(CONT.)

RT ATLAS CENTAUR LAUNCH VEHICLE

SURVEYOR 4 LUNAR PROBE

GS LUNAR SPACECRAFT
 . LUNAR PROBES
 . . SURVEYOR LUNAR PROBES
 . . . SURVEYOR 4 LUNAR PROBE
 SOFT LANDING SPACECRAFT
 . SURVEYOR LUNAR PROBES
 . . SURVEYOR 4 LUNAR PROBE
 UNMANNED SPACECRAFT
 . SPACE PROBES
 . . LUNAR PROBES
 . . . SURVEYOR LUNAR PROBES
 SURVEYOR 4 LUNAR PROBE
 RT ATLAS CENTAUR LAUNCH VEHICLE

SURVEYOR 5 LUNAR PROBE

GS LUNAR SPACECRAFT
 . LUNAR PROBES
 . . SURVEYOR LUNAR PROBES
 . . . SURVEYOR 5 LUNAR PROBE
 SOFT LANDING SPACECRAFT
 . SURVEYOR LUNAR PROBES
 . . SURVEYOR 5 LUNAR PROBE
 UNMANNED SPACECRAFT
 . SPACE PROBES
 . . LUNAR PROBES
 . . . SURVEYOR LUNAR PROBES
 SURVEYOR 5 LUNAR PROBE
 RT ATLAS CENTAUR LAUNCH VEHICLE

SURVEYOR 6 LUNAR PROBE

GS LUNAR SPACECRAFT
 . LUNAR PROBES
 . . SURVEYOR LUNAR PROBES
 . . . SURVEYOR 6 LUNAR PROBE
 SOFT LANDING SPACECRAFT
 . SURVEYOR LUNAR PROBES
 . . SURVEYOR 6 LUNAR PROBE
 UNMANNED SPACECRAFT
 . SPACE PROBES
 . . LUNAR PROBES
 . . . SURVEYOR LUNAR PROBES
 SURVEYOR 6 LUNAR PROBE
 RT ATLAS CENTAUR LAUNCH VEHICLE

SURVEYOR 7 LUNAR PROBE

GS LUNAR SPACECRAFT
 . LUNAR PROBES
 . . SURVEYOR LUNAR PROBES
 . . . SURVEYOR 7 LUNAR PROBE
 SOFT LANDING SPACECRAFT
 . SURVEYOR LUNAR PROBES
 . . SURVEYOR 7 LUNAR PROBE
 UNMANNED SPACECRAFT
 . SPACE PROBES
 . . LUNAR PROBES
 . . . SURVEYOR LUNAR PROBES
 SURVEYOR 7 LUNAR PROBE
 RT ATLAS CENTAUR LAUNCH VEHICLE

SWEDISH SPACE PROGRAM

GS PROGRAMS
 . SPACE PROGRAMS
 . . SWEDISH SPACE PROGRAM
 RT EUROPEAN SPACE PROGRAMS
 SWEDEN

SWINGBY TECHNIQUE

UF GRAVITY ASSIST TRAJECTORIES
 RT FLYBY MISSIONS
 GRAVITATIONAL EFFECTS
 INTERPLANETARY TRANSFER ORBITS
 ORBITAL MECHANICS
 PLANETARY ORBITS
 ROUND TRIP TRAJECTORIES
 SPACECRAFT TRAJECTORIES

SYMBIOTIC STARS

GS CELESTIAL BODIES
 . STARS
 . . DOUBLE STARS
 . . . BINARY STARS
 SYMBIOTIC STARS
 . . . PECULIAR STARS
 SYMBIOTIC STARS
 VARIABLE STARS
 SYMBIOTIC STARS
 RT ABSORPTION SPECTRA
 ECLIPSING BINARY STARS
 EMISSION SPECTRA
 FLARE STARS
 M STARS

SYMBIOTIC STARS-(CONT.)

NOVAE
 STELLAR ENVELOPES
 STELLAR MASS ACCRETION
 STELLAR OSCILLATIONS
 STELLAR SPECTRA
 STELLAR TEMPERATURE

SYMMETRY BREAKING

USE BROKEN SYMMETRY

SYNCHROTRON RADIATION

GS ELECTROMAGNETIC RADIATION
 . NONTHERMAL RADIATION
 . . SYNCHROTRON RADIATION
 . . . POLARIZED ELECTROMAGNETIC
 RADIATION
 . . . SYNCHROTRON RADIATION
 POLARIZED RADIATION
 POLARIZED ELECTROMAGNETIC
 RADIATION
 RT BREMSSTRAHLUNG
 EXTRATERRESTRIAL RADIATION
 RADIATION
 RADIATION PROTECTION
 SYNCHROTRONS
 X RAYS

T

T TAURI STARS

GS CELESTIAL BODIES
 . STARS
 . . PROTOSTARS
 . . . PRE-MAIN SEQUENCE STARS
 T TAURI STARS
 VARIABLE STARS
 T TAURI STARS
 RT HERBIG-HARO OBJECTS
 STAR FORMATION
 TAURUS CONSTELLATION

TAURID METEORIDS

GS CELESTIAL BODIES
 . METEOROID SHOWERS
 . . TAURID METEORIDS
 . . . METEORIDS
 . . . TAURID METEORIDS

TAURUS CONSTELLATION

GS CONSTELLATIONS
 . TAURUS CONSTELLATION
 RT CRAB NEBULA
 PLEIADES CLUSTER
 T TAURI STARS

TEKTITES

GS CELESTIAL BODIES
 . METEORITES
 . . STONY METEORITES
 . . . TEKTITES
 AUSTRALITES
 BEDIASITES
 RT CHONDRITES
 COESITE
 CYRILLID METEORIDS
 METEORITIC COMPOSITION
 METEORITIC MICROSTRUCTURES
 MICROMETEORITES
 NATURAL SATELLITES

TELESCOPES

UF ASTRONOMICAL TELESCOPES
 GS TELESCOPES
 . CELESCOPES
 . . CIRCUMSOLAR TELESCOPES
 . . . GAMMA RAY TELESCOPES
 . . . GRAZING INCIDENCE TELESCOPES
 . . . GRIST (TELESCOPE)
 . . . HELIOMETERS
 . . . PYROHELIOMETERS
 . . . INFRARED TELESCOPES
 . . . SPACE INFRARED TELESCOPE
 FACILITY
 . . . MANNED ORBITAL TELESCOPES
 . . . APOLLO TELESCOPE MOUNT
 . . . PARTICLE TELESCOPES
 . . . RADIO TELESCOPES
 . . . KILOMETER WAVE ORBITING
 TELESCOPE
 . . . VERY LARGE ARRAY (VLA)

TELEVISION CAMERAS

TELESCOPES-(CONT.)

. VERY LONG BASELINE ARRAY (VLBA)
 . REFLECTING TELESCOPES
 . STARSAT TELESCOPE
 . REFRACTING TELESCOPES
 . SCHMIDT TELESCOPES
 . SPACEBORNE TELESCOPES
 . GERMAN INFRARED LABORATORY
 . HUBBLE SPACE TELESCOPE
 . INFRARED SPACE OBSERVATORY (ISO)
 . LIRTS (TELESCOPE)
 . SOLAR OPTICAL TELESCOPE
 . SPACE INFRARED TELESCOPE FACILITY
 . STARLAB
 . STARSAT TELESCOPE
 . X RAY ASTROPHYSICS FACILITY
 . SPECTROSCOPIC TELESCOPES
 . MULTISPECTRAL TRACKING TELESCOPES
 . STRATOSCOPE TELESCOPES
 . ULTRAVIOLET TELESCOPES
 . STARLAB
 . X RAY TELESCOPES
 . X RAY ASTROPHYSICS FACILITY
 RT ANTENNAS
 ASTRONOMICAL OBSERVATORIES
 ASTRONOMY
 BALLOON-BORNE INSTRUMENTS
 BINOCULARS
 CASSEGRAIN OPTICS
 CORONAGRAPHS
 ETALONS
 EYEPIECES
 LENSES
 MIRRORS
 MULTI-ANODE MICROCHANNEL ARRAYS
 OPTICAL EQUIPMENT
 OPTICAL MEASURING INSTRUMENTS
 OPTICAL TRANSFER FUNCTION
 PERISCOPES
 REFLECTORS
 SCHMIDT CAMERAS
 SOLAR INSTRUMENTS
 SPACEBORNE ASTRONOMY
 ULTRAVIOLET ASTRONOMY

TELEVISION CAMERAS

GS OPTICAL EQUIPMENT
 . CAMERAS
 . TELEVISION CAMERAS
 PHOTOGRAPHIC EQUIPMENT
 . CAMERAS
 . TELEVISION CAMERAS
 TELEVISION EQUIPMENT
 . TELEVISION CAMERAS
 RT CAMERA TUBES
 CLOSED CIRCUIT TELEVISION
 LALLEMAND CAMERAS
 OPTICAL SCANNERS
 ORTHICONS
 RASTER SCANNING
 RETURN BEAM VIDICONS
 SATELLITE TELEVISION

TEMPEL 2 COMET

GS CELESTIAL BODIES
 . COMETS
 . TEMPEL 2 COMET
 RT . COMA
 METEORIODS
 SOLAR SYSTEM

TEMPERATURE

UF BODY TEMPERATURE (NON-BIOLOGICAL)
 GS TEMPERATURE
 . ABSOLUTE ZERO
 . AMBIENT TEMPERATURE
 . ATMOSPHERIC TEMPERATURE
 . AURORAL TEMPERATURE
 . IONOSPHERIC TEMPERATURE
 . BODY TEMPERATURE
 . BRIGHTNESS TEMPERATURE
 . COMBUSTION TEMPERATURE
 . CRITICAL TEMPERATURE
 . CURIE TEMPERATURE
 . FLAME TEMPERATURE
 . GAS TEMPERATURE
 . GLASS TRANSITION TEMPERATURE
 . HIGH TEMPERATURE
 . IGNITION TEMPERATURE
 . FLASH POINT
 . INLET TEMPERATURE
 . ION TEMPERATURE

TEMPERATURE-(CONT.)

. LOW TEMPERATURE
 . CRYOGENIC TEMPERATURE
 . LUNAR TEMPERATURE
 . NEEL TEMPERATURE
 . NOISE TEMPERATURE
 . OPERATING TEMPERATURE
 . PLANETARY TEMPERATURE
 . PLASMA TEMPERATURE
 . ROOM TEMPERATURE
 . SATELLITE TEMPERATURE
 . SKIN TEMPERATURE (BIOLOGY)
 . SOLAR TEMPERATURE
 . SPACE TEMPERATURE
 . SPIN TEMPERATURE
 . STAGNATION TEMPERATURE
 . STELLAR TEMPERATURE
 . SUBZERO TEMPERATURE
 . SURFACE TEMPERATURE
 . SKIN TEMPERATURE (NON-BIOLOGICAL)
 . WALL TEMPERATURE
 . TRANSITION TEMPERATURE
 . WATER TEMPERATURE
 . OCEAN TEMPERATURE
 . SEA SURFACE TEMPERATURE
 RT ABLATIVE MATERIALS
 ADIABATIC CONDITIONS
 AIR CONDITIONING
 BIOLOGICAL EFFECTS
 CLIMATOLOGY
 COMFORT
 CONVECTIVE FLOW
 ELECTRON ENERGY
 EMISSIVITY
 ENVIRONMENTS
 FREE CONVECTION
 GEOTEMPERATURE
 GIBBS-HELMHOLTZ EQUATIONS
 HEAT
 HEAT SHIELDING
 HEAT STORAGE
 HEATING
 HUMIDITY
 ISOTHERMS
 LAPSE RATE
 MELTING POINTS
 METEOROLOGY
 OCEAN THERMAL ENERGY CONVERSION
 REFRIGERATING
 SAHA EQUATIONS
 SURFACE COOLING
 TEMPERATURE COMPENSATION
 TEMPERATURE CONTROL
 TEMPERATURE DEPENDENCE
 TEMPERATURE DISTRIBUTION
 TEMPERATURE EFFECTS
 TEMPERATURE GRADIENTS
 TEMPERATURE INVERSIONS
 TEMPERATURE MEASUREMENT
 TEMPERATURE MEASURING INSTRUMENTS
 TEMPERATURE PROBES
 TEMPERATURE PROFILES
 TEMPERATURE RATIO
 TEMPERATURE SCALES
 TEMPERATURE SENSORS
 TEPHIGRAMS
 THERMAL ABSORPTION
 THERMAL ANALYSIS
 THERMAL BLOOMING
 THERMAL BOUNDARY LAYER
 THERMAL BUCKLING
 THERMAL COMFORT
 THERMAL CONDUCTIVITY
 THERMAL CONDUCTIVITY GAGES
 THERMAL CONDUCTORS
 THERMAL CONTROL COATINGS
 THERMAL CYCLING TESTS
 THERMAL DECOMPOSITION
 THERMAL DEGRADATION
 THERMAL DIFFUSION
 THERMAL DIFFUSIVITY
 THERMAL DISSOCIATION
 THERMAL EMISSION
 THERMAL ENERGY
 THERMAL ENVIRONMENTS
 THERMAL EXPANSION
 THERMAL FATIGUE
 THERMAL INSTABILITY
 THERMAL INSULATION
 THERMAL MAPPING
 THERMAL NEUTRONS
 THERMAL NOISE
 THERMAL PLASMAS
 THERMAL POLLUTION

TEMPERATURE-(CONT.)

THERMAL PROTECTION
 THERMAL RADIATION
 THERMAL REACTORS
 THERMAL RESISTANCE
 THERMAL RESOURCES
 THERMAL SHOCK
 THERMAL SIMULATION
 THERMAL STABILITY
 THERMAL STRESSES
 THERMAL VACUUM TESTS
 THERMODYNAMIC EFFICIENCY
 THERMODYNAMIC PROPERTIES
 VENTILATION

TERMINAL VELOCITY

GS RATES (PER TIME)
 . TERMINAL VELOCITY
 VELOCITY
 . TERMINAL VELOCITY
 RT GRAVITATION

TERMINATOR LINES

RT . LINES
 LUNAR PHASES
 . PHASES
 SUNRISE
 SUNSET

TERRAIN

UF LANDSCAPE
 GS TOPOGRAPHY
 . TERRAIN
 RT GEOMORPHOLOGY
 LANDFORMS
 LANDMARKS

TERRAIN ANALYSIS

UF SATAN (SENSOR)
 RT . ANALYZING
 CHANGE DETECTION
 EARTH RESOURCES
 EROS (SATELLITES)
 GEOGRAPHIC APPLICATIONS PROGRAM
 HOLOGRAMMETRY
 MAPPING
 NAP-OF-THE-EARTH NAVIGATION
 PHOTOGRAMMETRY
 RECONNAISSANCE
 SATELLITE SURFACES
 SOIL MAPPING
 VIDEO LANDMARK ACQUISITION AND TRACKING

TERRESTRIAL MAGNETISM

USE GEOMAGNETISM

TERRESTRIAL PLANETS

GS CELESTIAL BODIES
 . PLANETS
 . TERRESTRIAL PLANETS
 . . EARTH (PLANET)
 . . MARS (PLANET)
 . . MERCURY (PLANET)
 . . VENUS (PLANET)
 RT CELESTIAL MECHANICS
 MERCURY SURFACE
 PLANETARY ENVIRONMENTS
 PLANETOLOGY
 SOLAR SYSTEM

TERRESTRIAL RADIATION

SN (EXCLUDES ATMOSPHERIC RADIATION AND REFLECTED VISIBLE LIGHT)
 UF EARTH RADIATION
 GS ELECTROMAGNETIC RADIATION
 . TERRESTRIAL RADIATION
 RT ATMOSPHERIC RADIATION
 EARTH (PLANET)
 EARTH ALBEDO
 EARTH RADIATION BUDGET
 EARTH RADIATION BUDGET EXPERIMENT
 EXTRATERRESTRIAL RADIATION
 FAR INFRARED RADIATION
 GREENHOUSE EFFECT
 INFRARED RADIATION
 NEAR INFRARED RADIATION
 PLANETARY RADIATION
 . RADIATION
 TROPOSPHERIC RADIATION

TETHYS

GS CELESTIAL BODIES
 . NATURAL SATELLITES

TETHYS-(CONT.)

.. ICY SATELLITES
 .. TETHYS
 .. SATURN SATELLITES
 .. TETHYS
 RT SATURN (PLANET)

THEODOLITES

GS MEASURING INSTRUMENTS
 . OPTICAL MEASURING INSTRUMENTS
 . TRANSITS
 . THEODOLITES
 . . . CINETHEODOLITES
 OPTICAL EQUIPMENT
 . OPTICAL MEASURING INSTRUMENTS
 . TRANSITS
 . THEODOLITES
 . . . CINETHEODOLITES
 RT SEXTANTS

THERMAL ENVIRONMENTS

GS ENVIRONMENTS
 . THERMAL ENVIRONMENTS
 RT ADIABATIC CONDITIONS
 AEROSPACE ENVIRONMENTS
 HEAT STROKE
 HIGH TEMPERATURE ENVIRONMENTS
 LIFE SUPPORT SYSTEMS
 LOW TEMPERATURE ENVIRONMENTS
 LUNAR ENVIRONMENT
 PLANETARY ENVIRONMENTS
 SATELLITE TEMPERATURE
 SPACECRAFT ENVIRONMENTS
 TEMPERATURE
 THERMAL COMFORT

THERMAL MAPPING

GS MAPPING
 . THERMAL MAPPING
 RT AERIAL RECONNAISSANCE
 EARTH RESOURCES
 GEOTHERMAL ANOMALIES
 GEOTHERMAL RESOURCES
 HEAT CAPACITY MAPPING MISSION
 INFRARED RADIOMETERS
 INFRARED SCANNERS
 ISOTHERMAL LAYERS
 ISOTHERMS
 PHOTOMAPPING
 PLANETARY MAPPING
 TEMPERATURE
 TEMPERATURE DISTRIBUTION
 TEMPERATURE GRADIENTS
 THERMOGRAPHY

THERMAL RADIATION

SN (EMITTED AS THE RESULT OF THERMAL
 EXCITATION OF MOLECULES)
 GS ELECTROMAGNETIC RADIATION
 . THERMAL RADIATION
 . . BLACK BODY RADIATION
 . . PHONON BEAMS
 RT CONCENTRATORS
 GREENHOUSE EFFECT
 HEAT
 INFRARED RADIATION
 LIGHT (VISIBLE RADIATION)
 NEAR INFRARED RADIATION
 NONGRAY GAS
 NONTHERMAL RADIATION
 PLANCKS CONSTANT
 PLANETARY RADIATION
 . RADIATION
 RADIO WAVES
 SKY RADIATION
 SOLAR RADIATION
 SUNLIGHT
 TEMPERATURE
 THERMODYNAMIC PROPERTIES
 ULTRAVIOLET RADIATION

THERMOELECTRIC OUTER PLANET SPACECRAFT

USE TOPS (SPACECRAFT)

THERMOELECTRIC SPACECRAFT

USE TOPS (SPACECRAFT)

THERMOSPHERE

SN (ALTITUDES ABOVE APPROXIMATELY 80
 KM)
 GS EARTH ATMOSPHERE
 . UPPER ATMOSPHERE
 . THERMOSPHERE
 . . TURBOPAUSE
 RT CHEMOSPHERE

THERMOSPHERE-(CONT.)

EARTH IONOSPHERE
 EARTH MAGNETOSPHERE
 EXOSPHERE
 HETEROSPHERE
 HOMOSPHERE

THREE BODY PROBLEM

RT CELESTIAL MECHANICS
 FOUR BODY PROBLEM
 MANY BODY PROBLEM
 ORBITS
 PERTURBATION
 . PROBLEMS
 TROJAN ORBITS
 TWO BODY PROBLEM

TIDAL OSCILLATION

USE TIDES

TIDES

UF TIDAL OSCILLATION
 GS TIDES
 . ATMOSPHERIC TIDES
 . EARTH TIDES
 . LUNAR TIDES
 RT COASTAL CURRENTS
 ESTUARIES
 FLOOD DAMAGE
 FLOODS
 OCEAN CURRENTS
 OCEAN SURFACE
 OCEANOGRAPHY
 PRESSURE ICE
 SEA ROUGHNESS
 TIDAL FLATS
 TIDE POWERED GENERATORS
 TIDE POWERED MACHINES
 TIDEPOWER
 WATER CURRENTS
 WATERWAVE ENERGY CONVERSION
 WATERWAVE POWERED MACHINES
 WETLANDS

TILT

USE ATTITUDE (INCLINATION)

TILTING

USE ATTITUDE (INCLINATION)

TIME

UF DURATION
 GS TIME
 . ACCESS TIME
 . BURNING TIME
 . DOWNTIME
 . EPHEMERIS TIME
 . FLIGHT TIME
 . MTBF
 . REACTION TIME
 . CHRONAXY
 . RELAXATION TIME
 . RESPONSE TIME (COMPUTERS)
 . SIDEREAL TIME
 . TESTING TIME
 . TRANSIT TIME
 . UNIVERSAL TIME
 RT CALENDARS
 CELESTIAL GEODESY
 CHRONOLOGY
 EXPOSURE
 INTERVALS
 LAUNCH DATES
 MONTH
 PROLONGATION
 RELATIVISTIC EFFECTS
 SCHEDULES
 SYNCHRONISM
 TIME MEASUREMENT
 UNITS OF MEASUREMENT

TITAN

GS CELESTIAL BODIES
 . NATURAL SATELLITES
 . . SATURN SATELLITES
 . . . TITAN
 RT ATMOSPHERIC COMPOSITION
 CHARON
 SATELLITE ATMOSPHERES
 SATURN (PLANET)
 TRITON

TITANIA

GS CELESTIAL BODIES
 . NATURAL SATELLITES

TITANIA-(CONT.)

.. ICY SATELLITES
 .. TITANIA
 .. URANUS SATELLITES
 .. TITANIA
 RT URANUS (PLANET)

TONK METEORITE

GS CELESTIAL BODIES
 . METEORITES
 . . STONY METEORITES
 . . . CHONDRITES
 . . . CARBONACEOUS METEORITES
 TONK METEORITE

TOPOGRAPHY

UF LANDSCAPE
 GS TOPOGRAPHY
 . LUNAR TOPOGRAPHY
 . TERRAIN
 RT ALTIMETRY
 BADLANDS
 BARREN LAND
 BEACHES
 CLIFFS
 CONTOUR SENSORS
 CONTOURS
 CUSPS (LANDFORMS)
 . DEPRESSION
 DESERTLINE
 DESERTS
 DUNES
 EARTH SURFACE
 ELEVATION
 ELEVATION ANGLE
 ESCARPMENTS
 GEODESY
 GEODETIC SURVEYS
 GEOMORPHOLOGY
 GEOPHYSICS
 GULFS
 HIGHLANDS
 HYPSONOGRAPHY
 ISTHUSES
 JUPITER RED SPOT
 LAGOONS
 LAND
 LANDFORMS
 LANDMARKS
 LEDGES
 MAPPING
 MARIA
 MARS SURFACE
 MEANDERS
 MUSKEGS
 OCEANOGRAPHY
 PEAKS (LANDFORMS)
 PENEPLAINS
 PHOTOMAPPING
 PLAINS
 PLANETARY SURFACES
 . PROFILES
 RAVINES
 RELIEF MAPS
 SATELLITE ALTIMETRY
 SHALLOW WATER
 SLOPES
 STAIRSTEPS
 SURFACE ROUGHNESS
 TOPEX
 VALLEYS
 VENUS SURFACE
 WADIS

TOPS (SPACECRAFT)

UF THERMOELECTRIC OUTER PLANET
 SPACECRAFT
 GS THERMOELECTRIC SPACECRAFT
 INTERPLANETARY SPACECRAFT
 . TOPS (SPACECRAFT)
 RT FLYBY MISSIONS
 INTERPLANETARY FLIGHT
 OUTER PLANETS EXPLORERS
 SPACE EXPLORATION
 SPACE MISSIONS
 . SPACECRAFT

TORO ASTEROID

GS CELESTIAL BODIES
 . ASTEROID BELTS
 . . ASTEROIDS
 . . . TORO ASTEROID
 RT METEORIODS
 SOLAR SYSTEM
 SPACE DEBRIS

TRACKING (POSITION)

TRACKING (POSITION)

UF TRACKING STUDIES
GS TRACKING (POSITION)
 . COMPENSATORY TRACKING
 . INFRARED TRACKING
 . MISSILE TRACKING
 . OPTICAL TRACKING
 . PHOTOGRAPHIC TRACKING
 . POLYSTATION DOPPLER TRACKING SYSTEM
 . PURSUIT TRACKING
 . RADAR TRACKING
 . RADIO TRACKING
 . WILDLIFE RADIOLOCATION
 . RANGE AND RANGE RATE TRACKING
 . SPACE DETECTION AND TRACKING SYSTEM
 . SPACECRAFT TRACKING
 . SATELLITE TRACKING
 . SATELLITE-TO-SATELLITE TRACKING
 . STAR TRACKERS
 . CCD STAR TRACKER
 . VIDEO LANDMARK ACQUISITION AND TRACKING
RT AIR TRAFFIC CONTROL
AIRCRAFT DETECTION
APPROACH CONTROL
DETECTION
IDENTIFYING
INSTRUMENT LANDING SYSTEMS
LASER RANGER/TRACKER
MULTISPECTRAL TRACKING
TELESCOPES
POSITION (LOCATION)
RANGEFINDING
RAY TRACING
SATELLITE DOPPLER POSITIONING
SOLAR SENSORS
SOUND LOCALIZATION
SOUND RANGING
TRACKING PROBLEM
∞ TRACKS

TRACKING STUDIES

USE TRACKING (POSITION)

TRAJECTORIES

GS TRAJECTORIES
 . ABORT TRAJECTORIES
 . ASCENT TRAJECTORIES
 . BALLISTIC TRAJECTORIES
 . DESCENT TRAJECTORIES
 . REENTRY TRAJECTORIES
 . HYPERBOLIC TRAJECTORIES
 . INTERORBITAL TRAJECTORIES
 . MIDCOURSE TRAJECTORIES
 . MISSILE TRAJECTORIES
 . MOLECULAR TRAJECTORIES
 . PARTICLE TRAJECTORIES
 . ELECTRON TRAJECTORIES
 . RENDEZVOUS TRAJECTORIES
 . ROUND TRIP TRAJECTORIES
 . CIRCUMLUNAR TRAJECTORIES
 . SPACECRAFT TRAJECTORIES
 . EARTH-VENUS TRAJECTORIES
 . INTERPLANETARY TRAJECTORIES
 . EARTH-MARS TRAJECTORIES
 . EARTH-MERCURY TRAJECTORIES
 . LUNAR TRAJECTORIES
 . CIRCUMLUNAR TRAJECTORIES
 . EARTH-MOON TRAJECTORIES
 . MOON-EARTH TRAJECTORIES
 . SPINNING UNGUIDED ROCKET TRAJECTORY
RT UNDERWATER TRAJECTORIES
APEXES
BALLISTICS
∞ CURVES
DOWNRANGE
EQUATIONS OF MOTION
∞ FLIGHT
 . FLIGHT MECHANICS
 . FLIGHT OPTIMIZATION
 . FLIGHT PATHS
 . FLIGHT TIME
 . GREAT CIRCLES
 . MISSILES
 . ORBITS
 . ORDNANCE
 . PARABOLIC FLIGHT
∞ PATHS
 . ROCKET FLIGHT
 . SPACE FLIGHT
 . TRANSFER ORBITS

TRAJECTORY ANALYSIS

RT ∞ ANALYZING
 . ASTRODYNAMICS
 . BALLISTICS
 . CAPTURE EFFECT
 . CELESTIAL MECHANICS
 . EQUATIONS OF MOTION
 . GODDARD TRAJECTORY DETERMINATION SYSTEM
 . IMPACT PREDICTION
 . MATHEMATICAL MODELS
 . NUMERICAL ANALYSIS
 . ORBITAL MECHANICS
 . PREFLIGHT ANALYSIS
 . SYSTEMS ANALYSIS
∞ TRANSIT
 . SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)
 . RT OCCULTATION
 . TRANSIT SATELLITES
 . TRANSITS

TRANSIT TIME

SN (NOT LIMITED TO ASTRONOMICAL TIMES OF TRANSIT)
GS TIME
 . TRANSIT TIME
RT BARRITT DIODES
CATT DEVICES
FLIGHT TIME
∞ MOTION

TRANSLATIONAL MOTION

GS TRANSLATIONAL MOTION
 . THREE DIMENSIONAL MOTION
 . THREE DIMENSIONAL FLOW
 . KARMAN-BODEWADT FLOW
 . SECONDARY FLOW
RT ∞ MOTION
RACKS (GEARS)
RIGID STRUCTURES

TRANSLUNAR SPACE

USE INTERPLANETARY SPACE

TRITON

GS CELESTIAL BODIES
 . NATURAL SATELLITES
 . TRITON
RT GALILEAN SATELLITES
NEPTUNE (PLANET)
NEPTUNE ATMOSPHERE
SATELLITE ATMOSPHERES
TITAN

TROILITE

GS CHALCOGENIDES
 . SULFIDES
 . PYRRHOTITE
 . TROILITE
 . IRON COMPOUNDS
 . PYRRHOTITE
 . TROILITE
 . MINERALS
 . PYRRHOTITE
 . TROILITE
 . SULFUR COMPOUNDS
 . SULFIDES
 . PYRRHOTITE
 . TROILITE
RT IRON METEORITES
METEORITIC COMPOSITION

TROJAN ORBITS

GS ORBITS
 . SPACECRAFT ORBITS
 . TROJAN ORBITS
RT CELESTIAL MECHANICS
MANY BODY PROBLEM
THREE BODY PROBLEM

TROPOPAUSE

SN (ALTITUDE APPROXIMATELY 15 TO 20 KM)
GS EARTH ATMOSPHERE
 . LOWER ATMOSPHERE
 . TROPOSPHERE
 . TROPOPAUSE
RT DIURNAL VARIATIONS
ISOTHERMAL LAYERS
MIDDLE ATMOSPHERE

TROPOSPHERE

SN (GROUND LEVEL TO APPROXIMATELY 15 KM)
GS EARTH ATMOSPHERE
 . LOWER ATMOSPHERE
 . TROPOSPHERE
 . TROPOPAUSE
RT CHEMOSPHERE
HOMOSPHERE
INTASAT SATELLITE

TROPOSPHERIC RADIATION

SN (EXCLUDES TERRESTRIAL RADIATION)
GS ATMOSPHERIC RADIATION
 . TROPOSPHERIC RADIATION
 . ELECTROMAGNETIC RADIATION
 . TROPOSPHERIC RADIATION
RT ∞ RADIATION
 . SKY RADIATION
 . STRATOSPHERE RADIATION
 . TERRESTRIAL RADIATION

TUMBLING MOTION

RT ATTITUDE STABILITY
DESTABILIZATION
MIXERS
∞ MOTION
 . ROTATING ENVIRONMENTS
 . SATELLITE ROTATION
∞ SEPARATION
 . SPACECRAFT MOTION
 . SPACECRAFT STABILITY

TUNGUSK METEORITE

GS CELESTIAL BODIES
 . METEORITES
 . STONY METEORITES
 . TUNGUSK METEORITE
RT METEORITE CRATERS

TURBOPAUSE

GS EARTH ATMOSPHERE
 . UPPER ATMOSPHERE
 . THERMOSPHERE
 . TURBOPAUSE
RT ATMOSPHERIC CIRCULATION
ATMOSPHERIC PHYSICS
ATMOSPHERIC TURBULENCE

TURBULENT MIXING

GS MIXING
 . TURBULENT MIXING
RT AGITATION
LAMINAR MIXING
MIXING LENGTH FLOW THEORY
RECIRCULATIVE FLUID FLOW
TRAPPED VORTEXES
VORTICES

TWENTY-SEVEN DAY VARIATION

GS VARIATIONS
 . TWENTY-SEVEN DAY VARIATION
RT SOLAR CYCLES
SOLAR ROTATION
STARSPOTS
SUNSPOTS

TWILIGHT GLOW

GS ATMOSPHERIC RADIATION
 . SKY RADIATION
 . AIRGLOW
 . TWILIGHT GLOW
 . ELECTROMAGNETIC RADIATION
 . LIGHT (VISIBLE RADIATION)
 . SKY RADIATION
 . AIRGLOW
 . TWILIGHT GLOW
RT DAYGLOW
NIGHT
NIGHT SKY

TWO BODY ORBITS

USE TWO BODY PROBLEM

TWO BODY PROBLEM

UF TWO BODY ORBITS
RT BINARY STARS
CELESTIAL MECHANICS
EARTH-MOON SYSTEM
HYLLERAAS COORDINATES
MANY BODY PROBLEM
ORBITAL MECHANICS
ORBITS
PERTURBATION

ULTRAVIOLET RADIATION

TWO BODY PROBLEM-(CONT.)

∞ PROBLEMS
ROCHE LIMIT
THREE BODY PROBLEM

TYCHO CRATER

GS CRATERS
LUNAR CRATERS
TYCHO CRATER
RT METEORITE CRATERS

TYPE 2 BURSTS

GS BURSTS
RADIO BURSTS
SOLAR RADIO BURSTS
TYPE 2 BURSTS
ELECTROMAGNETIC RADIATION
RADIO WAVES
EXTRATERRESTRIAL RADIO WAVES
RADIO BURSTS
SOLAR RADIO BURSTS
TYPE 2 BURSTS
SOLAR RADIO EMISSION
SOLAR RADIO BURSTS
TYPE 2 BURSTS
RADIO EMISSION
RADIO BURSTS
SOLAR RADIO BURSTS
TYPE 2 BURSTS
SOLAR RADIO EMISSION
SOLAR RADIO BURSTS
TYPE 2 BURSTS
EMISSION
RADIO EMISSION
RADIO BURSTS
SOLAR RADIO BURSTS
TYPE 2 BURSTS
SOLAR RADIO EMISSION
SOLAR RADIO BURSTS
TYPE 2 BURSTS
EXTRATERRESTRIAL RADIATION
EXTRATERRESTRIAL RADIO WAVES
RADIO BURSTS
SOLAR RADIO BURSTS
TYPE 2 BURSTS
SOLAR RADIO EMISSION
SOLAR RADIO BURSTS
TYPE 2 BURSTS
SOLAR RADIATION
SOLAR RADIO EMISSION
SOLAR RADIO BURSTS
TYPE 2 BURSTS

TYPE 3 BURSTS

GS BURSTS
RADIO BURSTS
SOLAR RADIO BURSTS
TYPE 3 BURSTS
ELECTROMAGNETIC RADIATION
RADIO WAVES
EXTRATERRESTRIAL RADIO WAVES
RADIO BURSTS
SOLAR RADIO BURSTS
TYPE 3 BURSTS
SOLAR RADIO EMISSION
SOLAR RADIO BURSTS
TYPE 3 BURSTS
RADIO EMISSION
RADIO BURSTS
SOLAR RADIO BURSTS
TYPE 3 BURSTS
SOLAR RADIO EMISSION
SOLAR RADIO BURSTS
TYPE 3 BURSTS
EMISSION
RADIO EMISSION
RADIO BURSTS
SOLAR RADIO BURSTS
TYPE 3 BURSTS
SOLAR RADIO EMISSION
SOLAR RADIO BURSTS
TYPE 3 BURSTS
EXTRATERRESTRIAL RADIATION
EXTRATERRESTRIAL RADIO WAVES
RADIO BURSTS
SOLAR RADIO BURSTS
TYPE 3 BURSTS
SOLAR RADIO EMISSION
SOLAR RADIO BURSTS
TYPE 3 BURSTS
SOLAR RADIATION
SOLAR RADIO EMISSION
SOLAR RADIO BURSTS
TYPE 3 BURSTS

TYPE 4 BURSTS

GS BURSTS
RADIO BURSTS
SOLAR RADIO BURSTS
TYPE 4 BURSTS
ELECTROMAGNETIC RADIATION
RADIO WAVES
EXTRATERRESTRIAL RADIO WAVES
RADIO BURSTS
SOLAR RADIO BURSTS
TYPE 4 BURSTS
SOLAR RADIO EMISSION
SOLAR RADIO BURSTS
TYPE 4 BURSTS
RADIO EMISSION
RADIO BURSTS
SOLAR RADIO BURSTS
TYPE 4 BURSTS
SOLAR RADIO EMISSION
SOLAR RADIO BURSTS
TYPE 4 BURSTS
EMISSION
RADIO EMISSION
RADIO BURSTS
SOLAR RADIO BURSTS
TYPE 4 BURSTS
SOLAR RADIO EMISSION
SOLAR RADIO BURSTS
TYPE 4 BURSTS
EXTRATERRESTRIAL RADIATION
EXTRATERRESTRIAL RADIO WAVES
RADIO BURSTS
SOLAR RADIO BURSTS
TYPE 4 BURSTS
SOLAR RADIO EMISSION
SOLAR RADIO BURSTS
TYPE 4 BURSTS
SOLAR RADIATION
SOLAR RADIO EMISSION
SOLAR RADIO BURSTS
TYPE 4 BURSTS

TYPE 5 BURSTS

GS BURSTS
RADIO BURSTS
SOLAR RADIO BURSTS
TYPE 5 BURSTS
ELECTROMAGNETIC RADIATION
RADIO WAVES
EXTRATERRESTRIAL RADIO WAVES
RADIO BURSTS
SOLAR RADIO BURSTS
TYPE 5 BURSTS
SOLAR RADIO EMISSION
SOLAR RADIO BURSTS
TYPE 5 BURSTS
RADIO EMISSION
RADIO BURSTS
SOLAR RADIO BURSTS
TYPE 5 BURSTS
SOLAR RADIO EMISSION
SOLAR RADIO BURSTS
TYPE 5 BURSTS
EMISSION
RADIO EMISSION
RADIO BURSTS
SOLAR RADIO BURSTS
TYPE 5 BURSTS
SOLAR RADIO EMISSION
SOLAR RADIO BURSTS
TYPE 5 BURSTS
SOLAR RADIATION
SOLAR RADIO EMISSION
SOLAR RADIO BURSTS
TYPE 5 BURSTS
EXTRATERRESTRIAL RADIATION
EXTRATERRESTRIAL RADIO WAVES
RADIO BURSTS
SOLAR RADIO BURSTS
TYPE 5 BURSTS
SOLAR RADIO EMISSION
SOLAR RADIO BURSTS
TYPE 5 BURSTS
SOLAR RADIATION
SOLAR RADIO EMISSION
SOLAR RADIO BURSTS
TYPE 5 BURSTS

U.S.S.R. SPACE PROGRAM

GS PROGRAMS
SPACE PROGRAMS
U.S.S.R. SPACE PROGRAM
RT APOLLO SOYUZ TEST PROJECT
EUROPEAN SPACE PROGRAMS

U.S.S.R. SPACE PROGRAM-(CONT.)

INTERNATIONAL COOPERATION
INTERNATIONAL RELATIONS
INTERNATIONAL SATELLITE GEODESY
EXPERIMENT
LUNAR RETROREFLECTORS
LUNIK LUNAR PROBES
LUNIK 19 LUNAR PROBE
LUNIK 22 LUNAR PROBE
LUNOKHOD LUNAR ROVING VEHICLES
MARS 1 SPACECRAFT
MARS 2 SPACECRAFT
MARS 3 SPACECRAFT
MARS 4 SPACECRAFT
MARS 5 SPACECRAFT
MARS 6 SPACECRAFT
MARS 7 SPACECRAFT
MIR SPACE STATION
MOLNIYA SATELLITES
PROTON SATELLITES
SALYUT SPACE STATION
SOYUZ SPACECRAFT
VEGA PROJECT
VENERA SATELLITES
VENERA 8 SATELLITE
VENERA 10 SATELLITE
VENERA 11 SATELLITE
VENERA 12 SATELLITE

UBV SPECTRA

GS SPECTRA
RADIATION SPECTRA
ELECTROMAGNETIC SPECTRA
UBV SPECTRA
RT COLOR-COLOR DIAGRAM

UFO

USE UNIDENTIFIED FLYING OBJECTS

UHURU SATELLITE

UF EXPLORER 42 SATELLITE
GS ARTIFICIAL SATELLITES
SCIENTIFIC SATELLITES
EXPLORER SATELLITES
UHURU SATELLITE
RT GALACTIC RADIATION
SAS
SATELLITE OBSERVATION
X RAY ASTRONOMY
X RAY STARS

UK SPACE PROGRAM

GS PROGRAMS
SPACE PROGRAMS
UK SPACE PROGRAM
RT HOTEL LAUNCH VEHICLE
UK SATELLITES
UNITED KINGDOM

ULTRAVIOLET ASTRONOMY

GS ASTRONOMY
ULTRAVIOLET ASTRONOMY
RT ELECTROMAGNETIC RADIATION
EXTREME ULTRAVIOLET EXPLORER
SATELLITE
HUBBLE SPACE TELESCOPE
LYMAN ALPHA RADIATION
LYMAN BETA RADIATION
SPARTAN SATELLITES
STARSAT TELESCOPE
TELESCOPES
ULTRAVIOLET TELESCOPES

ULTRAVIOLET LIGHT

USE ULTRAVIOLET RADIATION

ULTRAVIOLET RADIATION

UF ULTRAVIOLET LIGHT
GS ELECTROMAGNETIC RADIATION
ULTRAVIOLET RADIATION
EXTREME ULTRAVIOLET RADIATION
FAR ULTRAVIOLET RADIATION
LYMAN ALPHA RADIATION
LYMAN BETA RADIATION
NEAR ULTRAVIOLET RADIATION
IONIZING RADIATION
ULTRAVIOLET RADIATION
EXTREME ULTRAVIOLET RADIATION
FAR ULTRAVIOLET RADIATION
LYMAN ALPHA RADIATION
LYMAN BETA RADIATION
NEAR ULTRAVIOLET RADIATION
RT BEAMS (RADIATION)
BLACK BODY RADIATION
CERENKOV RADIATION

U

ULTRAVIOLET SPECTRA

ULTRAVIOLET RADIATION-(CONT.)

COHERENT ELECTROMAGNETIC
RADIATION
CORONAL HOLES
DAYGLOW
IUE
MICROCHANNELS
MONOCHROMATIC RADIATION
POLARIZED ELECTROMAGNETIC
RADIATION
∞ RADIATION
SEYFERT GALAXIES
SOLAR RADIATION
STERILIZATION
SUNLIGHT
THERMAL RADIATION
ULTRAVIOLET DETECTORS
UMKEHR EFFECT

ULTRAVIOLET SPECTRA

GS SPECTRA
RADIATION SPECTRA
ELECTROMAGNETIC SPECTRA
ULTRAVIOLET SPECTRA
RT ABSORPTION SPECTRA
EMISSION SPECTRA
HERZBERG BANDS
LIGHT (VISIBLE RADIATION)
LINE SPECTRA
LYMAN SPECTRA
MOLECULAR SPECTRA
RADIO SPECTROSCOPY
SOLAR SPECTRA
STELLAR SPECTRA
ULTRAVIOLET DETECTORS

ULTRAVIOLET SPECTROGRAPHS

USE ULTRAVIOLET SPECTROMETERS

ULTRAVIOLET SPECTROMETERS

UF ULTRAVIOLET SPECTROGRAPHS
GS MEASURING INSTRUMENTS
OPTICAL MEASURING INSTRUMENTS
PHOTOMETERS
ULTRAVIOLET SPECTROMETERS
RADIATION MEASURING INSTRUMENTS
ACTINOMETERS
ULTRAVIOLET DETECTORS
ULTRAVIOLET SPECTROMETERS
PHOTOMETERS
ULTRAVIOLET SPECTROMETERS
SPECTROMETERS
ULTRAVIOLET SPECTROMETERS
HIGH DISPERSION
SPECTROGRAPHS
OPTICAL EQUIPMENT
OPTICAL MEASURING INSTRUMENTS
PHOTOMETERS
ULTRAVIOLET SPECTROMETERS
RT EBERT SPECTROMETERS
SOLAR MAXIMUM MISSION
SOLAR SPECTROMETERS

ULTRAVIOLET SPECTROSCOPY

GS SPECTROSCOPY
ULTRAVIOLET SPECTROSCOPY
RT ABSORPTION SPECTROSCOPY
ASTRONOMICAL SPECTROSCOPY
MOLECULAR SPECTROSCOPY
OPTOGALVANIC SPECTROSCOPY
RADIO SPECTROSCOPY
SPECTROSCOPIC ANALYSIS
SPECTRUM ANALYSIS
VACUUM SPECTROSCOPY
X RAY SPECTROSCOPY

ULTRAVIOLET TELESCOPES

GS TELESCOPES
ULTRAVIOLET TELESCOPES
STARLAB
RT FAR ULTRAVIOLET RADIATION
SPACEBORNE ASTRONOMY
ULTRAVIOLET ASTRONOMY
X RAY ASTRONOMY

ULYSSES MISSION

UF INTERNATIONAL SOLAR POLAR MISSION
GS SPACE MISSIONS
ULYSSES MISSION
RT INERTIAL UPPER STAGE
MISSION PLANNING
MISSIONS
SOLAR MAXIMUM MISSION
SOLAR PROBES
SUN

UMBRAS

RT ECLIPSES
PENUMBRAS
SHADOWS

UMBRIEL

GS CELESTIAL BODIES
NATURAL SATELLITES
URANUS SATELLITES
UMBRIEL
RT URANUS (PLANET)

UMKEHR EFFECT

RT EFFECTS
LIGHT SCATTERING
OZONOSPHERE
SUNLIGHT
ULTRAVIOLET RADIATION

UNIDENTIFIED FLYING OBJECTS

UF UFO
RT AIRCRAFT
EXTRATERRESTRIAL INTELLIGENCE
SPACECRAFT
VEHICLES

UNIVERSE

UF METAGALAXY
RT BIG BANG COSMOLOGY
CELESTIAL BODIES
COSMOLOGY
COSMOS
DARK MATTER
RELIC RADIATION

UPPER AIR

USE UPPER ATMOSPHERE

UPPER ATMOSPHERE

UF UPPER AIR
GS EARTH ATMOSPHERE
UPPER ATMOSPHERE
EARTH IONOSPHERE
E REGION
E-1 LAYER
E-2 LAYER
SPORADIC E LAYER
LOWER IONOSPHERE
D REGION
UPPER IONOSPHERE
F REGION
F 1 REGION
F 2 REGION
EXOSPHERE
THERMOSPHERE
TURBOPAUSE
RT ACOUSTIC SOUNDING
AERONOMY
CHEMOSPHERE
HETEROSPHERE
HIGH ALTITUDE
HOMOSPHERE
METEOR TRAILS
METEOROLOGICAL BALLOONS
MIDDLE ATMOSPHERE
OZONOSPHERE
PLASMASPHERE
PROTON PRECIPITATION
RADIATION BELTS
SATELLITE ATMOSPHERES

UPPER IONOSPHERE

GS EARTH ATMOSPHERE
UPPER ATMOSPHERE
EARTH IONOSPHERE
UPPER IONOSPHERE
F REGION
F 1 REGION
F 2 REGION
RT E REGION

URANUS (PLANET)

GS CELESTIAL BODIES
PLANETS
GAS GIANT PLANETS
URANUS (PLANET)
RT ARIEL
MIRANDA
OBERON
TITANIA
UMBRIEL
URANUS ATMOSPHERE
URANUS RINGS

URANUS ATMOSPHERE

GS ENVIRONMENTS
EXTRATERRESTRIAL ENVIRONMENTS
PLANETARY ENVIRONMENTS
PLANETARY ATMOSPHERES
URANUS ATMOSPHERE
RT AEROSPACE ENVIRONMENTS
ATMOSPHERES
GAS GIANT PLANETS
HYDROGEN
METHANE
PLANETARY IONOSPHERES
URANUS (PLANET)

URANUS RINGS

GS CELESTIAL BODIES
PLANETARY RINGS
URANUS RINGS
RT JUPITER RINGS
NATURAL SATELLITES
PLANETARY STRUCTURE
RINGS
SATURN RINGS
URANUS (PLANET)

URANUS SATELLITES

GS CELESTIAL BODIES
NATURAL SATELLITES
URANUS SATELLITES
ARIEL
MIRANDA
OBERON
TITANIA
UMBRIEL

UV CETI STARS

USE FLARE STARS

V

VACUUM ULTRAVIOLET RADIATION

USE FAR ULTRAVIOLET RADIATION

VALLEYS

UF INTERMONTANE FLOORS
RIFT VALLEYS
RILLS
GS VALLEYS
COACHELLA VALLEY (CA)
DEATH VALLEY (CA)
IMPERIAL VALLEY (CA)
MAGDALENA-CAUCA VALLEY
(COLOMBIA)
PALO VERDE VALLEY (CA)
POTOMAC RIVER VALLEY (MD-VA-WV)
SACRAMENTO VALLEY (CA)
SAN JOAQUIN VALLEY (CA)
SHENANDOAH VALLEY (VA)
ST LAWRENCE VALLEY (NORTH
AMERICA)
TENNESSEE VALLEY (AL-KY-TN)
RT CANYONS
DELAWARE RIVER BASIN (US)
EROSION
MEANDERS
MISSOURI RIVER (US)
RAVINES
RIVERS
STRUCTURAL BASINS
SUSQUEHANNA RIVER BASIN
(MD-NY-PA)
TOPOGRAPHY
WADIS
WATERSHEDS

VAN ALLEN RADIATION BELTS

USE RADIATION BELTS

VAN BIESBROECK STAR

GS CELESTIAL BODIES
STARS
LATE STARS
COOL STARS
M STARS
VAN BIESBROECK STAR

VARIABLE STARS

GS CELESTIAL BODIES
STARS
VARIABLE STARS
CATACLYSMIC VARIABLES

VENERA 8 SATELLITE

VARIABLE STARS-(CONT.)

... CEPHEID VARIABLES
... FLARE STARS
... IRREGULAR VARIABLE STARS
... R CORONAE BOREALIS STARS
... LAMBDA TAURI STARS
... MIRA VARIABLES
... OMICRON CETI STAR
... NOVAE
... DWARF NOVAE
... HERCULES NOVA
... SEMIREGULAR VARIABLE STARS
... SUPERNOVAE
... SUPERNOVA 1987A
... SYMBIOTIC STARS
... T TAURI STARS

RT

BINARY STARS
COMPANION STARS
ECLIPSING BINARY STARS
PERIODIC VARIATIONS
SOLAR OSCILLATIONS
STELLAR MASS
STELLAR MASS EJECTION
STELLAR OSCILLATIONS

VEGA PROJECT

RT

FLYBY MISSIONS
HALLEY'S COMET
INTERNATIONAL COOPERATION
U.S.S.R. SPACE PROGRAM
VENERA SATELLITES
VENUS (PLANET)

VELOCITY

UF

SPEED

GS

VELOCITY

... ACOUSTIC VELOCITY
... AIRSPEED
... ANGULAR VELOCITY
... CRITICAL VELOCITY
... ESCAPE VELOCITY
... EXHAUST VELOCITY
... FLOW VELOCITY
... SOLAR WIND VELOCITY
... GROUND SPEED
... GROUP VELOCITY
... HIGH SPEED
... HYPERSONIC SPEED
... LANDING SPEED
... LIGHT SPEED
... LOW SPEED
... ORBITAL VELOCITY
... PHASE VELOCITY
... PROPAGATION VELOCITY
... RADIAL VELOCITY
... RELATIVISTIC VELOCITY
... ROTOR SPEED
... SOLAR VELOCITY
... SUBSONIC SPEED
... SUPERSONIC SPEED
... TERMINAL VELOCITY
... TIP SPEED
... TRANSONIC SPEED
... WIND VELOCITY
... SOLAR WIND VELOCITY

RT

ACCELERATION (PHYSICS)
BODY KINEMATICS
DE BROGLIE WAVELENGTHS
DYNAMICS
FERMAT PRINCIPLE
KINEMATICS
KINETICS
LOADING RATE
MOTION
PERCEPTUAL TIME CONSTANT
PRESSURE MEASUREMENT
RELATIVISTIC EFFECTS
SOLITARY WAVES
TIME MEASUREMENT

VELOCITY DISTRIBUTION

UF

VELOCITY FIELDS

GS

VELOCITY PROFILES
DISTRIBUTION (PROPERTY)

RT

... VELOCITY DISTRIBUTION
CIRCULATION DISTRIBUTION
FLOW DISTRIBUTION
FLOW VELOCITY
GALACTIC ROTATION
ORR-SOMMERFELD EQUATIONS
POHLHAUSEN METHOD
PRESSURE DISTRIBUTION
SHOCK WAVE PROFILES
THREE DIMENSIONAL BOUNDARY LAYER

VELOCITY FIELDS

USE VELOCITY DISTRIBUTION

VELOCITY PROFILES

USE VELOCITY DISTRIBUTION

VENERA SATELLITES

GS

ARTIFICIAL SATELLITES
... SOVIET SATELLITES
... VENERA SATELLITES
... VENERA 2 SATELLITE
... VENERA 3 SATELLITE
... VENERA 4 SATELLITE
... VENERA 5 SATELLITE
... VENERA 6 SATELLITE
... VENERA 7 SATELLITE
... VENERA 8 SATELLITE
... VENERA 9 SATELLITE
... VENERA 10 SATELLITE
... VENERA 11 SATELLITE
... VENERA 12 SATELLITE
INTERPLANETARY SPACECRAFT
... VENUS PROBES
... VENERA SATELLITES
... VENERA 2 SATELLITE
... VENERA 3 SATELLITE
... VENERA 4 SATELLITE
... VENERA 5 SATELLITE
... VENERA 6 SATELLITE
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... VENERA 11 SATELLITE
... VENERA 12 SATELLITE
SOVIET SPACECRAFT
... VENERA SATELLITES
... VENERA 2 SATELLITE
... VENERA 3 SATELLITE
... VENERA 4 SATELLITE
... VENERA 5 SATELLITE
... VENERA 6 SATELLITE
... VENERA 7 SATELLITE
... VENERA 8 SATELLITE
... VENERA 9 SATELLITE
... VENERA 10 SATELLITE
... VENERA 11 SATELLITE
... VENERA 12 SATELLITE
UNMANNED SPACECRAFT
... SPACE PROBES
... VENUS PROBES
... VENERA SATELLITES
... VENERA 2 SATELLITE
... VENERA 3 SATELLITE
... VENERA 4 SATELLITE
... VENERA 5 SATELLITE
... VENERA 6 SATELLITE
... VENERA 7 SATELLITE
... VENERA 8 SATELLITE
... VENERA 9 SATELLITE
... VENERA 10 SATELLITE
... VENERA 11 SATELLITE
... VENERA 12 SATELLITE

RT

U.S.S.R. SPACE PROGRAM
VEGA PROJECT

VENERA 2 SATELLITE

GS

ARTIFICIAL SATELLITES
... SOVIET SATELLITES
... VENERA SATELLITES
... VENERA 2 SATELLITE
INTERPLANETARY SPACECRAFT
... VENUS PROBES
... VENERA SATELLITES
... VENERA 2 SATELLITE
SOVIET SPACECRAFT
... VENERA SATELLITES
... VENERA 2 SATELLITE
UNMANNED SPACECRAFT
... SPACE PROBES
... VENUS PROBES
... VENERA SATELLITES
... VENERA 2 SATELLITE

VENERA 3 SATELLITE

GS

ARTIFICIAL SATELLITES
... SOVIET SATELLITES
... VENERA SATELLITES
... VENERA 3 SATELLITE
INTERPLANETARY SPACECRAFT
... VENUS PROBES
... VENERA SATELLITES
... VENERA 3 SATELLITE
SOVIET SPACECRAFT
... VENERA SATELLITES

VENERA 3 SATELLITE-(CONT.)

... VENERA 3 SATELLITE
UNMANNED SPACECRAFT
... SPACE PROBES
... VENUS PROBES
... VENERA SATELLITES
... VENERA 3 SATELLITE

VENERA 4 SATELLITE

GS

ARTIFICIAL SATELLITES
... SOVIET SATELLITES
... VENERA SATELLITES
... VENERA 4 SATELLITE
INTERPLANETARY SPACECRAFT
... VENUS PROBES
... VENERA SATELLITES
... VENERA 4 SATELLITE
SOVIET SPACECRAFT
... VENERA SATELLITES
... VENERA 4 SATELLITE
UNMANNED SPACECRAFT
... SPACE PROBES
... VENUS PROBES
... VENERA SATELLITES
... VENERA 4 SATELLITE

VENERA 5 SATELLITE

GS

ARTIFICIAL SATELLITES
... SOVIET SATELLITES
... VENERA SATELLITES
... VENERA 5 SATELLITE
INTERPLANETARY SPACECRAFT
... VENUS PROBES
... VENERA SATELLITES
... VENERA 5 SATELLITE
SOVIET SPACECRAFT
... VENERA SATELLITES
... VENERA 5 SATELLITE
UNMANNED SPACECRAFT
... SPACE PROBES
... VENUS PROBES
... VENERA SATELLITES
... VENERA 5 SATELLITE

VENERA 6 SATELLITE

GS

ARTIFICIAL SATELLITES
... SOVIET SATELLITES
... VENERA SATELLITES
... VENERA 6 SATELLITE
INTERPLANETARY SPACECRAFT
... VENUS PROBES
... VENERA SATELLITES
... VENERA 6 SATELLITE
SOVIET SPACECRAFT
... VENERA SATELLITES
... VENERA 6 SATELLITE
UNMANNED SPACECRAFT
... SPACE PROBES
... VENUS PROBES
... VENERA SATELLITES
... VENERA 6 SATELLITE

VENERA 7 SATELLITE

GS

ARTIFICIAL SATELLITES
... SOVIET SATELLITES
... VENERA SATELLITES
... VENERA 7 SATELLITE
INTERPLANETARY SPACECRAFT
... VENUS PROBES
... VENERA SATELLITES
... VENERA 7 SATELLITE
SOVIET SPACECRAFT
... VENERA SATELLITES
... VENERA 7 SATELLITE
UNMANNED SPACECRAFT
... SPACE PROBES
... VENUS PROBES
... VENERA SATELLITES
... VENERA 7 SATELLITE

VENERA 8 SATELLITE

GS

ARTIFICIAL SATELLITES
... SOVIET SATELLITES
... VENERA SATELLITES
... VENERA 8 SATELLITE
INTERPLANETARY SPACECRAFT
... VENUS PROBES
... VENERA SATELLITES
... VENERA 8 SATELLITE
SOVIET SPACECRAFT
... VENERA SATELLITES
... VENERA 8 SATELLITE
UNMANNED SPACECRAFT
... SPACE PROBES
... VENUS PROBES

VENERA 9 SATELLITE

VENERA 8 SATELLITE-(CONT.)

... VENERA SATELLITES
... **VENERA 8 SATELLITE**
RT U.S.S.R. SPACE PROGRAM
VENUS (PLANET)

VENERA 9 SATELLITE

GS ARTIFICIAL SATELLITES
... SOVIET SATELLITES
... VENERA SATELLITES
... **VENERA 9 SATELLITE**
INTERPLANETARY SPACECRAFT
... VENUS PROBES
... VENERA SATELLITES
... **VENERA 9 SATELLITE**
SOVIET SPACECRAFT
... VENERA SATELLITES
... **VENERA 9 SATELLITE**
UNMANNED SPACECRAFT
... SPACE PROBES
... VENUS PROBES
... VENERA SATELLITES
... **VENERA 9 SATELLITE**

VENERA 10 SATELLITE

GS ARTIFICIAL SATELLITES
... SOVIET SATELLITES
... VENERA SATELLITES
... **VENERA 10 SATELLITE**
INTERPLANETARY SPACECRAFT
... VENUS PROBES
... VENERA SATELLITES
... **VENERA 10 SATELLITE**
SOVIET SPACECRAFT
... VENERA SATELLITES
... **VENERA 10 SATELLITE**
UNMANNED SPACECRAFT
... SPACE PROBES
... VENUS PROBES
... VENERA SATELLITES
... **VENERA 10 SATELLITE**
RT U.S.S.R. SPACE PROGRAM
VENUS (PLANET)

VENERA 11 SATELLITE

GS ARTIFICIAL SATELLITES
... SOVIET SATELLITES
... VENERA SATELLITES
... **VENERA 11 SATELLITE**
INTERPLANETARY SPACECRAFT
... VENUS PROBES
... VENERA SATELLITES
... **VENERA 11 SATELLITE**
SOVIET SPACECRAFT
... VENERA SATELLITES
... **VENERA 11 SATELLITE**
UNMANNED SPACECRAFT
... SPACE PROBES
... VENUS PROBES
... VENERA SATELLITES
... **VENERA 11 SATELLITE**
RT U.S.S.R. SPACE PROGRAM
VENUS (PLANET)
VENUS ATMOSPHERE
VENUS SURFACE

VENERA 12 SATELLITE

GS ARTIFICIAL SATELLITES
... SOVIET SATELLITES
... VENERA SATELLITES
... **VENERA 12 SATELLITE**
INTERPLANETARY SPACECRAFT
... VENUS PROBES
... VENERA SATELLITES
... **VENERA 12 SATELLITE**
SOVIET SPACECRAFT
... VENERA SATELLITES
... **VENERA 12 SATELLITE**
UNMANNED SPACECRAFT
... SPACE PROBES
... VENUS PROBES
... VENERA SATELLITES
... **VENERA 12 SATELLITE**
RT U.S.S.R. SPACE PROGRAM
VENUS (PLANET)
VENUS ATMOSPHERE
VENUS SURFACE

VENUS (PLANET)

GS CELESTIAL BODIES
... PLANETS
... TERRESTRIAL PLANETS
... **VENUS (PLANET)**
RT PLANETARY CRATERS
VEGA PROJECT

VENUS (PLANET)-(CONT.)

VENERA 8 SATELLITE
VENERA 10 SATELLITE
VENERA 11 SATELLITE
VENERA 12 SATELLITE

VENUS ATMOSPHERE

GS ENVIRONMENTS
... EXTRATERRESTRIAL ENVIRONMENTS
... PLANETARY ENVIRONMENTS
... PLANETARY ATMOSPHERES
... **VENUS ATMOSPHERE**
... VENUS CLOUDS
RT AEROSPACE ENVIRONMENTS
IONOPOUSE
PLANETARY IONOSPHERES
PLANETARY METEOROLOGY
VENERA 11 SATELLITE
VENERA 12 SATELLITE
VENUS ORBITING IMAGING RADAR
(SPACECRAFT)

VENUS CLOUDS

GS ENVIRONMENTS
... EXTRATERRESTRIAL ENVIRONMENTS
... PLANETARY ENVIRONMENTS
... PLANETARY ATMOSPHERES
... VENUS ATMOSPHERE
... **VENUS CLOUDS**
RT ATMOSPHERIC MODELS
CLOUD COVER
CLOUD PHYSICS
∞ CLOUDS
GREENHOUSE EFFECT

VENUS ORBITING IMAGING RADAR (SPACECRAFT)

GS RADAR
... **VENUS ORBITING IMAGING RADAR**
(SPACECRAFT)
RT MAGELLAN PROJECT (NASA)
MAGELLAN SPACECRAFT (NASA)
SYNTHETIC APERTURE RADAR
VENUS ATMOSPHERE
VENUS PROBES
VENUS SURFACE

VENUS PROBES

GS INTERPLANETARY SPACECRAFT
... **VENUS PROBES**
... MAGELLAN SPACECRAFT (NASA)
... MARINER 1 SPACE PROBE
... MARINER 2 SPACE PROBE
... MARINER 5 SPACE PROBE
... MARINER 10 SPACE PROBE
... PIONEER VENUS 2 SPACECRAFT
... PIONEER VENUS 2 TRANSPORTER
BUS
... VENERA SATELLITES
... VENERA 2 SATELLITE
... VENERA 3 SATELLITE
... VENERA 4 SATELLITE
... VENERA 5 SATELLITE
... VENERA 6 SATELLITE
... VENERA 7 SATELLITE
... VENERA 8 SATELLITE
... VENERA 9 SATELLITE
... VENERA 10 SATELLITE
... VENERA 11 SATELLITE
... VENERA 12 SATELLITE
... ZOND 1 SPACE PROBE
... ZOND 3 SPACE PROBE
... ZOND 4 SPACE PROBE
... ZOND 5 SPACE PROBE
... ZOND 6 SPACE PROBE
... ZOND 7 SPACE PROBE
... ZOND 8 SPACE PROBE
UNMANNED SPACECRAFT
... SPACE PROBES
... **VENUS PROBES**
... MAGELLAN SPACECRAFT (NASA)
... MARINER 1 SPACE PROBE
... MARINER 2 SPACE PROBE
... MARINER 5 SPACE PROBE
... MARINER 10 SPACE PROBE
... VENERA SATELLITES
... VENERA 2 SATELLITE
... VENERA 3 SATELLITE
... VENERA 4 SATELLITE
... VENERA 5 SATELLITE
... VENERA 6 SATELLITE
... VENERA 7 SATELLITE
... VENERA 8 SATELLITE
... VENERA 9 SATELLITE
... VENERA 10 SATELLITE

VENUS PROBES-(CONT.)

... VENERA 11 SATELLITE
... VENERA 12 SATELLITE
... ZOND 1 SPACE PROBE
... ZOND 3 SPACE PROBE
... ZOND 4 SPACE PROBE
... ZOND 5 SPACE PROBE
... ZOND 6 SPACE PROBE
... ZOND 7 SPACE PROBE
... ZOND 8 SPACE PROBE
RT MAGELLAN PROJECT (NASA)
MARINER PROGRAM
MARINER VENUS 67 SPACECRAFT
MARS PROBES
OUTER PLANETS EXPLORERS
SPUTNIK 5 SATELLITE
VENUS ORBITING IMAGING RADAR
(SPACECRAFT)
VOYAGER PROJECT

VENUS RADAR ECHOES

GS ECHOES
... RADAR ECHOES
... **VENUS RADAR ECHOES**

VENUS RADAR MAPPER

USE MAGELLAN SPACECRAFT (NASA)

VENUS RADAR MAPPER PROJECT

USE MAGELLAN PROJECT (NASA)

VENUS SURFACE

GS PLANETARY SURFACES
... **VENUS SURFACE**
RT CLOUD COVER
EXTRATERRESTRIAL ENVIRONMENTS
MAGELLAN PROJECT (NASA)
MAGELLAN SPACECRAFT (NASA)
PLANETARY CRATERS
SOLAR SYSTEM
∞ SURFACES
TOPOGRAPHY
VENERA 11 SATELLITE
VENERA 12 SATELLITE
VENUS ORBITING IMAGING RADAR
(SPACECRAFT)

VERTICES

USE APEXES

VERY LARGE ARRAY (VLA)

GS RADIO EQUIPMENT
... RADIO TELESCOPES
... **VERY LARGE ARRAY (VLA)**
TELESCOPES
... RADIO TELESCOPES
... **VERY LARGE ARRAY (VLA)**
RT ANTENNA ARRAYS
RADIO ASTRONOMY

VERY LONG BASE INTERFEROMETRY

UF VLBI
GS INTERFEROMETRY
... **VERY LONG BASE INTERFEROMETRY**
RT DIFFRACTION PATTERNS
ETALONS
INTERFEROMETERS
NULL ZONES
QUASAT
RADIO ASTRONOMY
RADIO INTERFEROMETERS
VERY LONG BASELINE ARRAY (VLBA)

VERY LONG BASELINE ARRAY (VLBA)

GS RADIO EQUIPMENT
... RADIO TELESCOPES
... **VERY LONG BASELINE ARRAY**
(VLBA)
TELESCOPES
... RADIO TELESCOPES
... **VERY LONG BASELINE ARRAY**
(VLBA)
RT ANTENNA ARRAYS
RADIO ASTRONOMY
VERY LONG BASE INTERFEROMETRY

VESTA ASTEROID

GS CELESTIAL BODIES
... ASTEROID BELTS
... ASTEROIDS
... **VESTA ASTEROID**
RT METEORIDS
SOLAR SYSTEM
SPACE DEBRIS

VIKING 75 ENTRY VEHICLE

VIBRATION

UF JITTER
GS VIBRATION
 . COMBUSTION VIBRATION
 . FORCED VIBRATION
 . FREE VIBRATION
 . LATTICE VIBRATIONS
 . POGO EFFECTS
 . RANDOM VIBRATION
 . RESONANT VIBRATION
 . STRUCTURAL VIBRATION
 . BENDING VIBRATION
 . BREATHING VIBRATION
 . FLUTTER
 . . . PANEL FLUTTER
 . . . SUBSONIC FLUTTER
 . . . SUPERSONIC FLUTTER
 . . . TRANSONIC FLUTTER
 . LINEAR VIBRATION
 . MISSILE VIBRATION
 . SELF INDUCED VIBRATION
 . . . PANEL FLUTTER
 . . . SUBSONIC FLUTTER
 . . . SUPERSONIC FLUTTER
 . . . TRANSONIC FLUTTER
 . . . TORSIONAL VIBRATION
RT ACOUSTICS
 AIRFOIL OSCILLATIONS
 AMPLITUDES
 ANTINODES
 COMPACTING
 CYCLIC LOADS
 DISPLACEMENT
∞ DYNAMICS
 ELASTIC WAVES
 FATIGUE (MATERIALS)
 FLAPPING
 HARMONICS
 ISOLATORS
 MECHANICAL OSCILLATORS
 MECHANICAL SHOCK
 MODES (STANDING WAVES)
∞ MOTION
 NODES (STANDING WAVES)
 NUTATION
 OSCILLATING CYLINDERS
 OSCILLATIONS
 OSCILLATORS
 RESONANCE
 SHAKING
 SHOCK RESISTANCE
 SPACECRAFT MOTION
 STANDING WAVES
 VIBRATIONAL STRESS
 VIBRATORY LOADS
 VIBRATORY POLISHING
∞ WAVES
 WING OSCILLATIONS

VIKING LANDER SPACECRAFT

GS INTERPLANETARY SPACECRAFT
 . MARS PROBES
 . . . VIKING SPACECRAFT
 . . . VIKING LANDER SPACECRAFT
 . . . VIKING LANDER 1
 . . . VIKING LANDER 2
 UNMANNED SPACECRAFT
 . SPACE PROBES
 . . . MARS PROBES
 . . . VIKING SPACECRAFT
 . . . VIKING LANDER SPACECRAFT
 . . . VIKING LANDER 1
 . . . VIKING LANDER 2
RT INTERPLANETARY TRAJECTORIES
 SPACE EXPLORATION
 SPACE FLIGHT

VIKING LANDER 1

GS INTERPLANETARY SPACECRAFT
 . MARS PROBES
 . . . VIKING SPACECRAFT
 . . . VIKING LANDER SPACECRAFT
 . . . VIKING LANDER 1
 . . . VIKING 1 SPACECRAFT
 . . . VIKING LANDER 1
 UNMANNED SPACECRAFT
 . SPACE PROBES
 . . . MARS PROBES
 . . . VIKING SPACECRAFT
 . . . VIKING LANDER SPACECRAFT
 . . . VIKING LANDER 1
 . . . VIKING 1 SPACECRAFT
 . . . VIKING LANDER 1
RT INTERPLANETARY TRAJECTORIES
 MARS SURFACE SAMPLES

VIKING LANDER 1-(CONT.) SPACE EXPLORATION SPACE FLIGHT

VIKING LANDER 2

GS INTERPLANETARY SPACECRAFT
 . MARS PROBES
 . . . VIKING SPACECRAFT
 . . . VIKING LANDER SPACECRAFT
 . . . VIKING LANDER 2
 . . . VIKING 2 SPACECRAFT
 . . . VIKING LANDER 2
 UNMANNED SPACECRAFT
 . SPACE PROBES
 . . . MARS PROBES
 . . . VIKING SPACECRAFT
 . . . VIKING LANDER SPACECRAFT
 . . . VIKING LANDER 2
 . . . VIKING 2 SPACECRAFT
 . . . VIKING LANDER 2
RT INTERPLANETARY TRAJECTORIES
 MARS SURFACE SAMPLES
 SPACE EXPLORATION
 SPACE FLIGHT

VIKING MARS PROGRAM

GS PROGRAMS
 . NASA PROGRAMS
 . . . NASA SPACE PROGRAMS
 . . . VIKING MARS PROGRAM
 . SPACE PROGRAMS
 . . . NASA SPACE PROGRAMS
 . . . VIKING MARS PROGRAM
RT SPACE EXPLORATION
 VIKING SPACECRAFT

VIKING ORBITER SPACECRAFT

GS INTERPLANETARY SPACECRAFT
 . MARS PROBES
 . . . VIKING SPACECRAFT
 . . . VIKING ORBITER SPACECRAFT
 . . . VIKING ORBITER 1
 . . . VIKING ORBITER 2
 . . . VIKING ORBITER 1975
 UNMANNED SPACECRAFT
 . SPACE PROBES
 . . . MARS PROBES
 . . . VIKING SPACECRAFT
 . . . VIKING ORBITER SPACECRAFT
 . . . VIKING ORBITER 1
 . . . VIKING ORBITER 2
 . . . VIKING ORBITER 1975
RT INTERPLANETARY TRAJECTORIES
 PLANETARY ORBITS
 SPACE EXPLORATION
 SPACE FLIGHT
∞ SPACECRAFT

VIKING ORBITER 1

GS INTERPLANETARY SPACECRAFT
 . MARS PROBES
 . . . VIKING SPACECRAFT
 . . . VIKING ORBITER SPACECRAFT
 . . . VIKING ORBITER 1
 . . . VIKING 1 SPACECRAFT
 . . . VIKING ORBITER 1
 UNMANNED SPACECRAFT
 . SPACE PROBES
 . . . MARS PROBES
 . . . VIKING SPACECRAFT
 . . . VIKING ORBITER SPACECRAFT
 . . . VIKING ORBITER 1
 . . . VIKING 1 SPACECRAFT
 . . . VIKING ORBITER 1
RT INTERPLANETARY TRAJECTORIES
 SPACE EXPLORATION
 SPACE FLIGHT
∞ SPACECRAFT

VIKING ORBITER 2

GS INTERPLANETARY SPACECRAFT
 . MARS PROBES
 . . . VIKING SPACECRAFT
 . . . VIKING ORBITER SPACECRAFT
 . . . VIKING ORBITER 2
 . . . VIKING 2 SPACECRAFT
 . . . VIKING ORBITER 2
 UNMANNED SPACECRAFT
 . SPACE PROBES
 . . . MARS PROBES
 . . . VIKING SPACECRAFT
 . . . VIKING ORBITER SPACECRAFT
 . . . VIKING ORBITER 2
 . . . VIKING 2 SPACECRAFT
 . . . VIKING ORBITER 2

VIKING ORBITER 2-(CONT.)

RT INTERPLANETARY TRAJECTORIES
 SPACE EXPLORATION
 SPACE FLIGHT
∞ SPACECRAFT

VIKING ORBITER 1975

GS INTERPLANETARY SPACECRAFT
 . MARS PROBES
 . . . VIKING SPACECRAFT
 . . . VIKING ORBITER SPACECRAFT
 . . . VIKING ORBITER 1975
 UNMANNED SPACECRAFT
 . SPACE PROBES
 . . . MARS PROBES
 . . . VIKING SPACECRAFT
 . . . VIKING ORBITER SPACECRAFT
 . . . VIKING ORBITER 1975

VIKING SPACECRAFT

GS INTERPLANETARY SPACECRAFT
 . MARS PROBES
 . . . VIKING SPACECRAFT
 . . . VIKING LANDER SPACECRAFT
 . . . VIKING LANDER 1
 . . . VIKING LANDER 2
 . . . VIKING ORBITER SPACECRAFT
 . . . VIKING ORBITER 1
 . . . VIKING ORBITER 2
 . . . VIKING ORBITER 1975
 . . . VIKING 1 SPACECRAFT
 . . . VIKING LANDER 1
 . . . VIKING ORBITER 1
 . . . VIKING 2 SPACECRAFT
 . . . VIKING LANDER 2
 . . . VIKING ORBITER 2
 UNMANNED SPACECRAFT
 . SPACE PROBES
 . . . MARS PROBES
 . . . VIKING SPACECRAFT
 . . . VIKING LANDER SPACECRAFT
 . . . VIKING LANDER 1
 . . . VIKING LANDER 2
 . . . VIKING ORBITER SPACECRAFT
 . . . VIKING ORBITER 1
 . . . VIKING ORBITER 2
 . . . VIKING ORBITER 1975
 . . . VIKING 1 SPACECRAFT
 . . . VIKING LANDER 1
 . . . VIKING ORBITER 1
 . . . VIKING 2 SPACECRAFT
 . . . VIKING LANDER 2
 . . . VIKING ORBITER 2
RT VIKING MARS PROGRAM

VIKING 1 SPACECRAFT

GS INTERPLANETARY SPACECRAFT
 . MARS PROBES
 . . . VIKING SPACECRAFT
 . . . VIKING 1 SPACECRAFT
 . . . VIKING LANDER 1
 . . . VIKING ORBITER 1
 UNMANNED SPACECRAFT
 . SPACE PROBES
 . . . MARS PROBES
 . . . VIKING SPACECRAFT
 . . . VIKING 1 SPACECRAFT
 . . . VIKING LANDER 1
 . . . VIKING ORBITER 1
RT INTERPLANETARY TRAJECTORIES
 SPACE EXPLORATION
 SPACE FLIGHT

VIKING 2 SPACECRAFT

GS INTERPLANETARY SPACECRAFT
 . MARS PROBES
 . . . VIKING SPACECRAFT
 . . . VIKING 2 SPACECRAFT
 . . . VIKING LANDER 2
 . . . VIKING ORBITER 2
 UNMANNED SPACECRAFT
 . SPACE PROBES
 . . . MARS PROBES
 . . . VIKING SPACECRAFT
 . . . VIKING 2 SPACECRAFT
 . . . VIKING LANDER 2
 . . . VIKING ORBITER 2
 . . . VIKING ORBITER 2
RT INTERPLANETARY TRAJECTORIES
 SPACE EXPLORATION
 SPACE FLIGHT

VIKING 75 ENTRY VEHICLE

GS INTERPLANETARY SPACECRAFT
 . MARS PROBES
 . . . VIKING 75 ENTRY VEHICLE

VINTI THEORY

VIKING 75 ENTRY VEHICLE-(CONT.)

RT MARS LANDING
SOFT LANDING

VINTI THEORY

GS PERTURBATION THEORY
. VINTI THEORY
RT GEODESY
ORBIT PERTURBATION
∞ THEORIES

VIRGO GALACTIC CLUSTER

UF VIRGO STAR CLUSTER
GS CELESTIAL BODIES
. GALAXIES
. . . GALACTIC CLUSTERS
. . . . VIRGO GALACTIC CLUSTER
RT AGGLOMERATION
BARRED GALAXIES
∞ CLUSTERS
DISK GALAXIES
ELLIPTICAL GALAXIES
LOCAL GROUP (ASTRONOMY)
SPIRAL GALAXIES
STAR CLUSTERS
STAR DISTRIBUTION
STARS

VIRGO STAR CLUSTER

USE VIRGO GALACTIC CLUSTER

VIRIAL THEOREM

GS THEOREMS
. VIRIAL THEOREM
RT KINETIC ENERGY
KINETIC EQUATIONS
∞ MECHANICS (PHYSICS)
MISSING MASS (ASTROPHYSICS)
VIRIAL COEFFICIENTS

VISIBLE RADIATION

USE LIGHT (VISIBLE RADIATION)

VISIBLE SPECTRUM

GS SPECTRA
. RADIATION SPECTRA
. . . ELECTROMAGNETIC SPECTRA
. . . . VISIBLE SPECTRUM
RT ∞ ABSORPTION
ABSORPTION SPECTRA
ASTRONOMICAL SPECTROSCOPY
AURORAL SPECTROSCOPY
CATHODOLUMINESCENCE
EMISSION SPECTRA
GAS SPECTROSCOPY
LIGHT (VISIBLE RADIATION)
LINE SPECTRA
MOLECULAR SPECTRA
SOLAR SPECTRA
SPECTRAL BANDS
SPECTROSCOPY
STELLAR SPECTRA

VISUAL OBSERVATION

GS OBSERVATION
. VISUAL OBSERVATION
RT COMPANION STARS
SPACE OBSERVATIONS (FROM EARTH)

VISUAL PHOTOMETRY

GS OPTICAL MEASUREMENT
. PHOTOMETRY
. . . VISUAL PHOTOMETRY

VLBI

USE VERY LONG BASE INTERFEROMETRY

VLF EMISSION RECORDERS

RT ATMOSPHERIC RADIATION
ATMOSPHERICS
COSMIC RAYS
ELECTROMAGNETIC RADIATION
PLANETARY RADIATION
∞ RECORDERS
RECORDING INSTRUMENTS

VOLCANOES

UF ACTIVE VOLCANOES
GS GEOLOGY
. VOLCANOES
. . . MARS VOLCANOES
LANDFORMS
. VOLCANOES
. . . MARS VOLCANOES

VOLCANOES-(CONT.)

RT BASALT
CALDERAS
CONES (VOLCANOES)
EFFUSIVES
GEOMORPHOLOGY
GEOTHERMAL RESOURCES
LAVA
MOUNTAINS
OROGRAPHY
PALEOMAGNETISM
PETROLOGY
ROUSE BELTS
VOLCANOLOGY

VON ZEIPPEL METHOD

RT EQUATIONS OF MOTION
HAMILTONIAN FUNCTIONS
∞ METHODOLOGY
PERTURBATION THEORY

VOYAGER PROJECT

GS PROGRAMS
. NASA PROGRAMS
. . . NASA SPACE PROGRAMS
. . . . VOYAGER PROJECT
. PROJECTS
. VOYAGER PROJECT
. SPACE PROGRAMS
. NASA SPACE PROGRAMS
. VOYAGER PROJECT
RT MARS PROBES
SATURN PROJECT
SPACE PROBES
UNMANNED SPACECRAFT
VENUS PROBES

VOYAGER 1 SPACECRAFT

GS INTERPLANETARY SPACECRAFT
. VOYAGER 1 SPACECRAFT
UNMANNED SPACECRAFT
. SPACE PROBES
. . . VOYAGER 1 SPACECRAFT
RT FLYBY MISSIONS
GRAND TOURS
JUPITER (PLANET)
JUPITER PROBES
JUPITER RINGS
∞ SPACECRAFT

VOYAGER 2 SPACECRAFT

GS INTERPLANETARY SPACECRAFT
. VOYAGER 2 SPACECRAFT
UNMANNED SPACECRAFT
. SPACE PROBES
. . . VOYAGER 2 SPACECRAFT
RT FLYBY MISSIONS
GRAND TOURS
JUPITER (PLANET)
JUPITER PROBES
∞ SPACECRAFT

VOYAGER 1977 MISSION

GS SPACE MISSIONS
. FLYBY MISSIONS
. . . GRAND TOURS
. . . . VOYAGER 1977 MISSION
RT INTERPLANETARY SPACECRAFT
JUPITER (PLANET)
JUPITER PROBES
∞ MISSIONS
SOLAR SYSTEM
SPACE PROBES

W

W STARS

USE WOLF-RAYET STARS

W-R STARS

USE WOLF-RAYET STARS

WAVE RADIATION

USE ELECTROMAGNETIC RADIATION

WEAK INTERACTIONS (FIELD THEORY)

UF BETA INTERACTIONS
GS DECAY
. WEAK ENERGY INTERACTIONS
. . . WEAK INTERACTIONS (FIELD THEORY)

WEAK INTERACTIONS (FIELD THEORY)-(CONT.)

FIELD THEORY (PHYSICS)
. WEAK INTERACTIONS (FIELD THEORY)
NUCLEAR REACTIONS
. NUCLEAR INTERACTIONS
. . . WEAK INTERACTIONS (FIELD THEORY)
PARTICLE INTERACTIONS
. ELEMENTARY PARTICLE INTERACTIONS
. . . WEAK ENERGY INTERACTIONS
. . . . WEAK INTERACTIONS (FIELD THEORY)
. NUCLEAR INTERACTIONS
. WEAK INTERACTIONS (FIELD THEORY)
RT GRAND UNIFIED THEORY
∞ INTERACTIONS
STRONG INTERACTIONS (FIELD THEORY)
∞ THEORIES

WEIGHTLESSNESS

UF ZERO GRAVITY
RT AEROSPACE MEDICINE
ARTIFICIAL GRAVITY
ASTRONAUT PERFORMANCE
∞ ASTRONAUTICS
BIOPROCESSING
BLACKOUT PREVENTION
BODY WEIGHT
BONE DEMINERALIZATION
CONTAINERLESS MELTS
DISORIENTATION
DROP TOWERS
ELECTROLYTE METABOLISM
ENVIRONMENTS
EXTRAVEHICULAR ACTIVITY
FLIGHT STRESS (BIOLOGY)
FREE FALL
GRAVITATION
GRAVITATIONAL EFFECTS
INTRAVEHICULAR ACTIVITY
LIFE SUPPORT SYSTEMS
LOW WEIGHT
LOWER BODY NEGATIVE PRESSURE
NEUTRAL BUOYANCY SIMULATION
PARABOLIC FLIGHT
SPACE ADAPTATION SYNDROME
SPACE FLIGHT STRESS
SPACE MANUFACTURING
SPACE PROCESSING APPLICATIONS
ROCKET
SPACEBORNE EXPERIMENTS
SPACECRAFT ENVIRONMENTS
SUBORBITAL FLIGHT

WEST COMET

GS CELESTIAL BODIES
. COMETS
. . . WEST COMET
RT SOLAR SYSTEM

WHIRL

USE ROTATION

WHIRLING

USE ROTATION

WHISTLERS

GS ATMOSPHERIC RADIATION
. IONOSPHERIC NOISE
. . . WHISTLERS
ELECTROMAGNETIC INTERFERENCE
. RADIO FREQUENCY INTERFERENCE
. . . ELECTROMAGNETIC NOISE
. . . . ATMOSPHERICS
. WHISTLERS
. IONOSPHERIC NOISE
. WHISTLERS
ELECTROMAGNETIC RADIATION
. RADIO WAVES
. . . SKY WAVES
. . . . WHISTLERS
RT DAWN CHORUS
ELECTROMAGNETIC FIELDS
LIGHTNING
MICROWAVES
RADIO SIGNALS
SONOGRAMS

WHITE DWARF STARS

GS CELESTIAL BODIES
. STARS
. . . EARLY STARS

WHITE DWARF STARS-(CONT.)

... HOT STARS
 ... **WHITE DWARF STARS**
 RT CATAclysmic VARIABLES
 DEGENERATE MATTER
 DWARF NOVAE
 DWARF STARS
 RED DWARF STARS
 SUBDWARF STARS
 SUPERNOVA REMNANTS
 WOLF-RAYET STARS

WHITE HOLES (ASTRONOMY)

GS CELESTIAL BODIES
 . STARS
 . **WHITE HOLES (ASTRONOMY)**
 GRAVITATIONAL COLLAPSE
 . **WHITE HOLES (ASTRONOMY)**
 RT BLACK HOLES (ASTRONOMY)
 COSMOLOGY
 ELECTROMAGNETIC RADIATION
 GRAVITATIONAL LENSES
 LIGHT EMISSION
 NAKED SINGULARITIES
 SUPERNOVA REMNANTS

WIDMANSTATTEN STRUCTURE

GS CRYSTAL STRUCTURE
 . **WIDMANSTATTEN STRUCTURE**
 MICROSTRUCTURE
 . **WIDMANSTATTEN STRUCTURE**
 RT IRON METEORITES
 METALLOGRAPHY
 METEORITIC MICROSTRUCTURES
 ∞ PATTERNS

WIGHTMAN THEORY

USE FIELD THEORY (PHYSICS)
 QUANTUM THEORY
 RELATIVISTIC THEORY

WIND CIRCULATION

USE ATMOSPHERIC CIRCULATION

WIND EFFECTS

RT ATMOSPHERIC EFFECTS
 DUNES
 DUST STORMS
 ∞ EFFECTS
 EROSION
 GROUND WIND
 PRESSURE EFFECTS
 SEA BREEZE
 SEA ROUGHNESS
 SEA STATES
 SOIL EROSION
 TURBULENCE
 WATER CIRCULATION

WIND EROSION

GS EROSION
 . **WIND EROSION**
 RT ATMOSPHERIC EFFECTS
 GROUND WIND
 PENEPLAINS
 SEA BREEZE
 WATER EROSION

WIND VELOCITY

GS RATES (PER TIME)
 . **WIND VELOCITY**
 . SOLAR WIND VELOCITY
 VELOCITY
 . **WIND VELOCITY**
 . SOLAR WIND VELOCITY
 RT AIRSPEED
 ANEMOMETERS
 FLOW MEASUREMENT
 GROUND WIND
 HOT-FILM ANEMOMETERS
 SEA ROUGHNESS
 WIND TURBINES
 WINDMILLS (WINDPOWERED MACHINES)
 WINDPOWER UTILIZATION
 WINDPOWERED GENERATORS

WOLF-RAYET STARS

UF W STARS
 W-R STARS
 GS CELESTIAL BODIES
 . STARS
 . EARLY STARS
 . . . HOT STARS
 . . . **WOLF-RAYET STARS**
 RT A STARS

WOLF-RAYET STARS-(CONT.)

ASTROPHYSICS
 B STARS
 CARBON STARS
 CELESTIAL MECHANICS
 EJECTA
 HELIUM
 NITROGEN
 O STARS
 STELLAR ENVELOPES
 STELLAR LUMINOSITY
 STELLAR MASS EJECTION
 WHITE DWARF STARS

WORLD

USE EARTH (PLANET)

X**X RAY ASTRONOMY**

GS ASTRONOMY
 . **X RAY ASTRONOMY**
 . . X RAY SOURCES
 . . . X RAY BINARIES
 RT COSMIC X RAYS
 EXOSAT SATELLITE
 GAMMA RAY ASTRONOMY
 GAMMA RAY BURSTS
 GRAZING INCIDENCE TELESCOPES
 LIXISCOPIES
 RADIOGRAPHY
 ROSAT MISSION
 SAS-3
 UHURU SATELLITE
 ULTRAVIOLET TELESCOPES
 X RAY ASTROPHYSICS FACILITY
 X RAY STARS

X RAY ASTROPHYSICS FACILITY

UF ADVANCED X RAY ASTROPHYSICS
 FACILITY
 AXAF
 GS ARTIFICIAL SATELLITES
 . SCIENTIFIC SATELLITES
 . . ASTRONOMICAL SATELLITES
 . . . **X RAY ASTROPHYSICS FACILITY**
 OBSERVATORIES
 . ASTRONOMICAL OBSERVATORIES
 . . ASTRONOMICAL SATELLITES
 . . . **X RAY ASTROPHYSICS FACILITY**
 PAYLOADS
 . SPACE SHUTTLE PAYLOADS
 . . **X RAY ASTROPHYSICS FACILITY**
 TELESCOPES
 . SPACEBORNE TELESCOPES
 . . **X RAY ASTROPHYSICS FACILITY**
 . . X RAY TELESCOPES
 . . . **X RAY ASTROPHYSICS FACILITY**
 RT ASTROPHYSICS
 ∞ FACILITIES
 SPACEBORNE ASTRONOMY
 X RAY ASTRONOMY

X RAY BINARIES

GS ASTRONOMY
 . X RAY ASTRONOMY
 . . X RAY SOURCES
 . . . **X RAY BINARIES**
 RT ACCRETION DISKS
 ASTROPHYSICS
 BLACK HOLES (ASTRONOMY)
 COMPANION STARS
 COSMIC X RAYS
 ECLIPSING BINARY STARS
 NEUTRON STARS
 STELLAR MASS ACCRETION
 X RAY STARS
 X RAYS

X RAY SOURCES

GS ASTRONOMY
 . X RAY ASTRONOMY
 . . **X RAY SOURCES**
 . . . X RAY BINARIES
 RT COOLING FLOWS (ASTROPHYSICS)
 EXOSAT SATELLITE
 ∞ RADIATION
 ROSAT MISSION
 X RAY STARS

X RAY SPECTRA
 GS SPECTRA

X RAY SPECTRA-(CONT.)

. RADIATION SPECTRA
 . . ELECTROMAGNETIC SPECTRA
 . . . **X RAY SPECTRA**
 RT NORTH POLAR SPUR (ASTRONOMY)
 QUASARS
 SOLAR SPECTRA
 STELLAR SPECTRA

X RAY SPECTROGRAPHY

USE X RAY SPECTROSCOPY

X RAY SPECTROMETRY

USE X RAY SPECTROSCOPY

X RAY SPECTROPOLARIMETRY PAYLOAD
 USE EXPOS (SPACELAB PAYLOAD)

X RAY SPECTROSCOPY

UF X RAY SPECTROGRAPHY
 X RAY SPECTROMETRY
 GS SPECTROSCOPY
 . **X RAY SPECTROSCOPY**
 X RAY ANALYSIS
 . **X RAY SPECTROSCOPY**
 RT ASTRONOMICAL SPECTROSCOPY
 ∞ MATERIALS TESTS
 MOLECULAR SPECTROSCOPY
 RADIO SPECTROSCOPY
 RADIOGRAPHY
 SPECTROSCOPIC ANALYSIS
 ULTRAVIOLET SPECTROSCOPY
 VACUUM SPECTROSCOPY

X RAY STARS

UF EXTARS
 GS CELESTIAL BODIES
 . STARS
 . . **X RAY STARS**
 RT EMISSION SPECTRA
 NEUTRON STARS
 RADIATION SOURCES
 STELLAR RADIATION
 UHURU SATELLITE
 X RAY ASTRONOMY
 X RAY BINARIES
 X RAY SOURCES
 X RAY TELESCOPES
 X RAYS

X RAY TELESCOPES

GS TELESCOPES
 . **X RAY TELESCOPES**
 . . X RAY ASTROPHYSICS FACILITY
 RT GRAZING INCIDENCE TELESCOPES
 RADIOGRAPHY
 ROSAT MISSION
 X RAY STARS

X RAYS

GS ELECTROMAGNETIC RADIATION
 . **X RAYS**
 . . COSMIC X RAYS
 . . . SOLAR X-RAYS
 IONIZING RADIATION
 . **X RAYS**
 . . COSMIC X RAYS
 . . . SOLAR X-RAYS
 RT AURORAS
 BLACKOUT (PROPAGATION)
 BREMSSTRAHLUNG
 COSMIC RAYS
 EMISSION SPECTRA
 EXTRATERRESTRIAL RADIATION
 FAR ULTRAVIOLET RADIATION
 GAMMA RAYS
 MONOCHROMATIC RADIATION
 RADIOGRAPHY
 RADIOLOGY
 SYNCHROTRON RADIATION
 SYSTEM GENERATED
 ELECTROMAGNETIC PULSES
 X RAY BINARIES
 X RAY STARS

Z**ZENITH**

RT ANTIPODES
 APEXES
 CELESTIAL SPHERE

ZERO GRAVITY

ZENITH-(CONT.)

MAXIMA
NOON
SOLAR POSITION

ZERO GRAVITY

USE WEIGHTLESSNESS

ZETA AURIGAE STAR

GS CELESTIAL BODIES
.. STARS
.. DOUBLE STARS
.. BINARY STARS
.. ECLIPSING BINARY STARS
.. ZETA AURIGAE STAR
RT AURIGA CONSTELLATION

ZODIAC

RT CONSTELLATIONS
ECLIPTIC
SCORPIUS CONSTELLATION
SCUTUM CONSTELLATION

ZODIACAL DUST

GS CELESTIAL BODIES
.. METEORIODS
.. MICROMETEORIODS
.. METEORIOD DUST CLOUDS
.. ZODIACAL DUST
MEDIA
.. INTERPLANETARY MEDIUM
.. INTERPLANETARY DUST
.. METEORIOD DUST CLOUDS
.. ZODIACAL DUST
PARTICLES
.. DUST
.. COSMIC DUST
.. INTERPLANETARY DUST
.. METEORIOD DUST CLOUDS
.. ZODIACAL DUST
RT EXPLORER SATELLITES
MICROMETEORITES
POYNTING-ROBERTSON EFFECT
TERRESTRIAL DUST BELT

ZODIACAL LIGHT

GS ELECTROMAGNETIC RADIATION
.. LIGHT (VISIBLE RADIATION)
.. ZODIACAL LIGHT
EXTRATERRESTRIAL RADIATION
.. ZODIACAL LIGHT
RT GEGENSCHN
HELIOS PROJECT
MICROMETEORIODS
NIGHT SKY
POLARIZED LIGHT
POYNTING-ROBERTSON EFFECT
SKY BRIGHTNESS
SOLAR RADIATION
SUNLIGHT

ZONAL HARMONICS

GS ANALYSIS (MATHEMATICS)
.. FUNCTIONAL ANALYSIS
.. HARMONIC ANALYSIS
.. ZONAL HARMONICS
HARMONICS
.. ZONAL HARMONICS

ZOND SPACE PROBES

GS INTERPLANETARY SPACECRAFT
.. ZOND SPACE PROBES
.. ZOND 1 SPACE PROBE
.. ZOND 2 SPACE PROBE
.. ZOND 3 SPACE PROBE
.. ZOND 4 SPACE PROBE
.. ZOND 5 SPACE PROBE
.. ZOND 6 SPACE PROBE
.. ZOND 7 SPACE PROBE
.. ZOND 8 SPACE PROBE
SOVIET SPACECRAFT
.. ZOND SPACE PROBES
.. ZOND 1 SPACE PROBE
.. ZOND 2 SPACE PROBE
.. ZOND 3 SPACE PROBE
.. ZOND 4 SPACE PROBE
.. ZOND 5 SPACE PROBE
.. ZOND 6 SPACE PROBE
.. ZOND 7 SPACE PROBE
.. ZOND 8 SPACE PROBE
UNMANNED SPACECRAFT
.. ZOND SPACE PROBES
.. ZOND 1 SPACE PROBE
.. ZOND 2 SPACE PROBE
.. ZOND 3 SPACE PROBE

ZOND SPACE PROBES-(CONT.)

.. ZOND 4 SPACE PROBE
.. ZOND 5 SPACE PROBE
.. ZOND 6 SPACE PROBE
.. ZOND 7 SPACE PROBE
.. ZOND 8 SPACE PROBE
RT MARS PROBES

ZOND 1 SPACE PROBE

GS INTERPLANETARY SPACECRAFT
.. VENUS PROBES
.. ZOND 1 SPACE PROBE
.. ZOND SPACE PROBES
.. ZOND 1 SPACE PROBE
SOVIET SPACECRAFT
.. ZOND SPACE PROBES
.. ZOND 1 SPACE PROBE
UNMANNED SPACECRAFT
.. SPACE PROBES
.. VENUS PROBES
.. ZOND 1 SPACE PROBE
.. ZOND SPACE PROBES
.. ZOND 1 SPACE PROBE

ZOND 2 SPACE PROBE

GS INTERPLANETARY SPACECRAFT
.. MARS PROBES
.. ZOND 2 SPACE PROBE
.. ZOND SPACE PROBES
.. ZOND 2 SPACE PROBE
SOVIET SPACECRAFT
.. ZOND SPACE PROBES
.. ZOND 2 SPACE PROBE
UNMANNED SPACECRAFT
.. SPACE PROBES
.. MARS PROBES
.. ZOND 2 SPACE PROBE
.. ZOND SPACE PROBES
.. ZOND 2 SPACE PROBE

ZOND 3 SPACE PROBE

GS INTERPLANETARY SPACECRAFT
.. VENUS PROBES
.. ZOND 3 SPACE PROBE
.. ZOND SPACE PROBES
.. ZOND 3 SPACE PROBE
SOVIET SPACECRAFT
.. ZOND SPACE PROBES
.. ZOND 3 SPACE PROBE
UNMANNED SPACECRAFT
.. SPACE PROBES
.. VENUS PROBES
.. ZOND 3 SPACE PROBE
.. ZOND SPACE PROBES
.. ZOND 3 SPACE PROBE

ZOND 4 SPACE PROBE

GS INTERPLANETARY SPACECRAFT
.. VENUS PROBES
.. ZOND 4 SPACE PROBE
.. ZOND SPACE PROBES
.. ZOND 4 SPACE PROBE
SOVIET SPACECRAFT
.. ZOND SPACE PROBES
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